

# FILE NOTATIONS

Entered in NID File .....  
Location Map Pinned .....  
Card Indexed .....  
✓

Checked by Chief .....  
Approval Letter .....  
Disapproval Letter .....

## COMPLETION DATA:

Date Well Completed 1-15-78

Location Inspected .....

WV..... VW..... TA.....

Bond released

GW..... OS..... PA.....

State or Fee Land .....

PA.....

LOGS FILED

Driller's Log.....  
✓

Electric Logs (No.) .....  
✓

E..... I..... Dual I Lat..... GR-N..... Micro.....

BRC Sonic GR..... Lat..... MI-L..... Sonic.....

CBLog..... CCLog..... Others.....

Date first production: 2/15/78

THE STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL & GAS CONSERVATION

## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

## 1a. TYPE OF WORK

DRILL ☒DEEPEN ☐PLUG BACK ☐

## b. TYPE OF WELL

OIL WELL ☐GAS WELL ☒

OTHER

SINGLE ZONE ☒MULTIPLE ZONE ☐

## 2. NAME OF OPERATOR

CIG EXPLORATION, INC.

## 3. ADDRESS OF OPERATOR

P. O. BOX 749 - DENVER, COLORADO 80201

## 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*

At surface  
2,270' FNL 900' FEL - SECTION 32, T9S, R22E

At proposed prod. zone

SAME AS ABOVE

## 14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*

APPROXIMATELY 22 MILES NORTHEASTERLY FROM OURAY, UTAH

## 15. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST  
PROPERTY OR LEASE LINE, FT.  
(Also to nearest drlg. line, if any)

900'

## 16. NO. OF ACRES IN LEASE

640

## 18. DISTANCE FROM PROPOSED LOCATION\*

TO NEAREST WELL, DRILLING, COMPLETED,  
OR APPLIED FOR, ON THIS LEASE, FT.

N/A

## 19. PROPOSED DEPTH

6,000

## 17. NO. OF ACRES ASSIGNED

TO THIS WELL  
640

## 20. ROTARY OR CABLE TOOLS

ROTARY

## 21. ELEVATIONS (Show whether DF, RT, GR, etc.)

4,997' UNGR. GR.

## 22. APPROX. DATE WORK WILL START\*

SEPTEMBER 15, 1977

## 23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17-1/2	13-3/8	48#	75'	50SX
12-1/4	9-5/8	36#	2,500'	680SX
7-7/8	4-1/2	13.5#	6,000'	AS REQUIRED TO COVER PAY ZONE

SEE ATTACHED SUPPLEMENTS FOR ADDITIONAL INFORMATION:

PLEASE NOTIFY THIS DIVISION WITHIN 24 HRS. OF SPUDDING

1. BOP PROGRAM

2. BOP SCHEMATIC

3. PLAT

4. LOCATION LAYOUT

5. TOPO MAP

6. PROPOSED GAS WELL PRODUCTION HOOKUP

(A) Typical Well Head Installation

(B) Typical Connection to Main Lines and Pipe Anchor Detail

7. PROPOSED PIPELINE MAP

8. PROPOSED ROAD FOR FLOW LINE AND PIPELINE RIGHT-OF-WAY

APPROVED BY THE DIVISION OF  
OIL, GAS, AND MINING

DATE: August 17, 1977

BY: *Ph Merrill*

AUG 17 1977

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED

*R. C. Merrill*  
R. C. MERRILL

TITLE

AREA ENGINEER

DATE

AUGUST 15, 1977

(This space for Federal or State office use)

PERMIT NO.

43-047-30320

APPROVAL DATE

APPROVED BY

TITLE

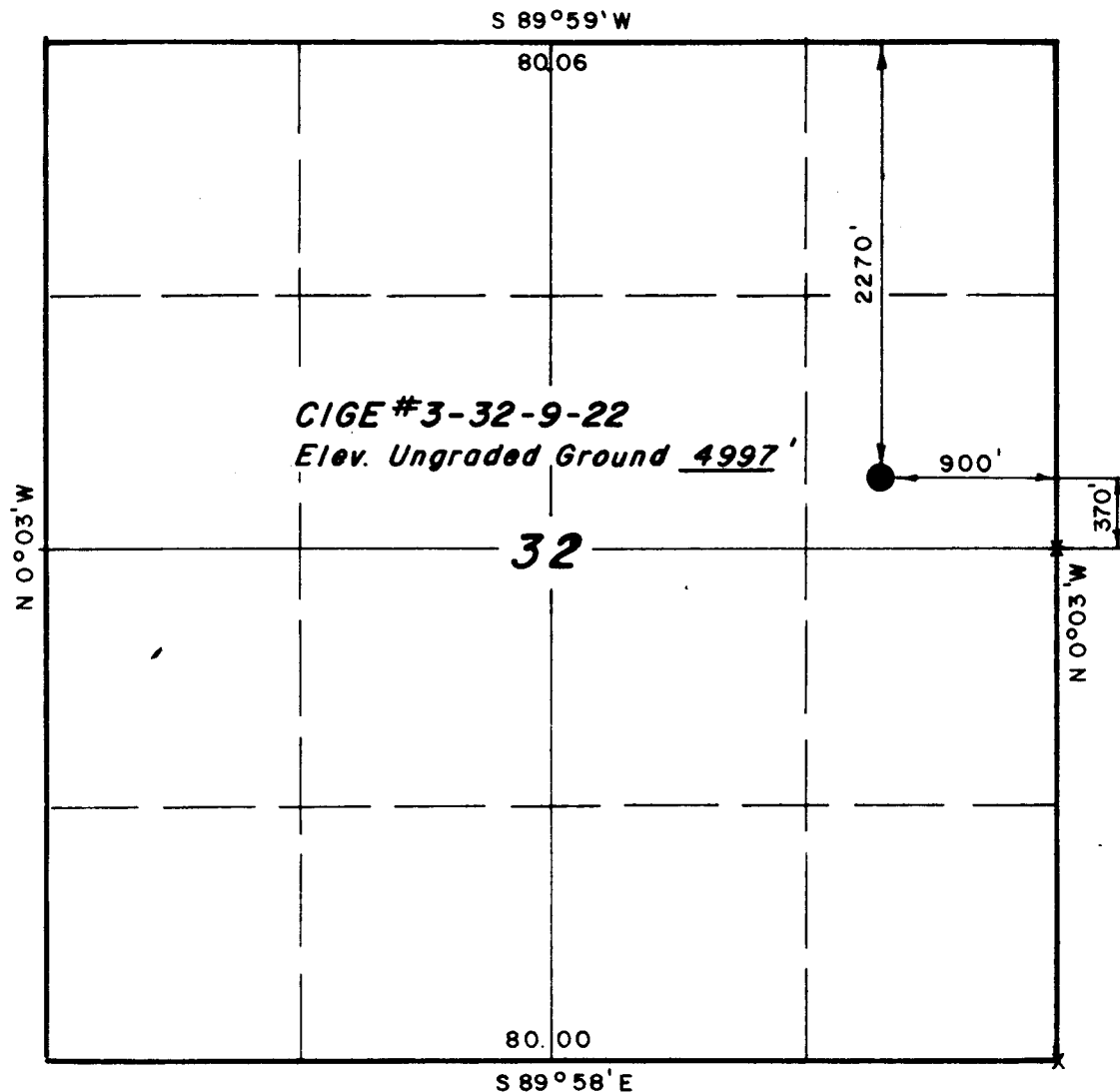
DATE

CONDITIONS OF APPROVAL, IF ANY:

**T 9 S, R 22 E, S.L.B.&M.**

**CIG EXPLORATION, INC.**

Well location, **CIGE#3-32-9-22**,  
located as shown in the SE 1/4 NE 1/4,  
Section 32, T9S, R22E, S.L.B.&M., Uintah  
County, Utah.



**CERTIFICATE**

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM  
FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY  
SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE  
BEST OF MY KNOWLEDGE AND BELIEF.

*Gene J. Smith*

REGISTERED LAND SURVEYOR  
REGISTRATION NO 3154  
STATE OF UTAH

**UINTAH ENGINEERING & LAND SURVEYING**  
P.O. BOX Q - 110 EAST - FIRST SOUTH  
VERNAL, UTAH - 84078

SCALE	1" = 1000'	DATE	8/04/77
PARTY	G.S. D.B. G.P.	REFERENCES	GLO Plat
WEATHER	Warm	FILE	CIG EXPLORATION, INC.

X=Section Corners Located

BLOWOUT PREVENTER PROGRAM:

CIGE 3-32-9-22  
SECTION 32, T9S, R22E  
UINTAH COUNTY, UTAH

Operator's minimum specifications for pressure control equipment which is to be used, a schematic diagram thereof showing sizes, pressure ratings, and testing procedures and testing frequency.

3000# BOP W/4-1/2" pipe rams  
3000# BOP W/blind rams  
3000# Hydril

Manifold includes appropriate valves, positive and adjustable chokes and kill line, to control abnormal pressures.

BOP's will be tested at installation and will be cycled on each trip.

The type and characteristics of the proposed circulating medium to be employed for rotary drilling and the quantities and types of mud and weighting material to be maintained:

The well will be drilled with fresh water/<sup>mud</sup> from surface to 4,500' with a weight of 8.3 to 8.7 ppg. From 4,500' to T. D. the well will be drilled with water mud with a weight from 8.7 to 10.7 ppg.

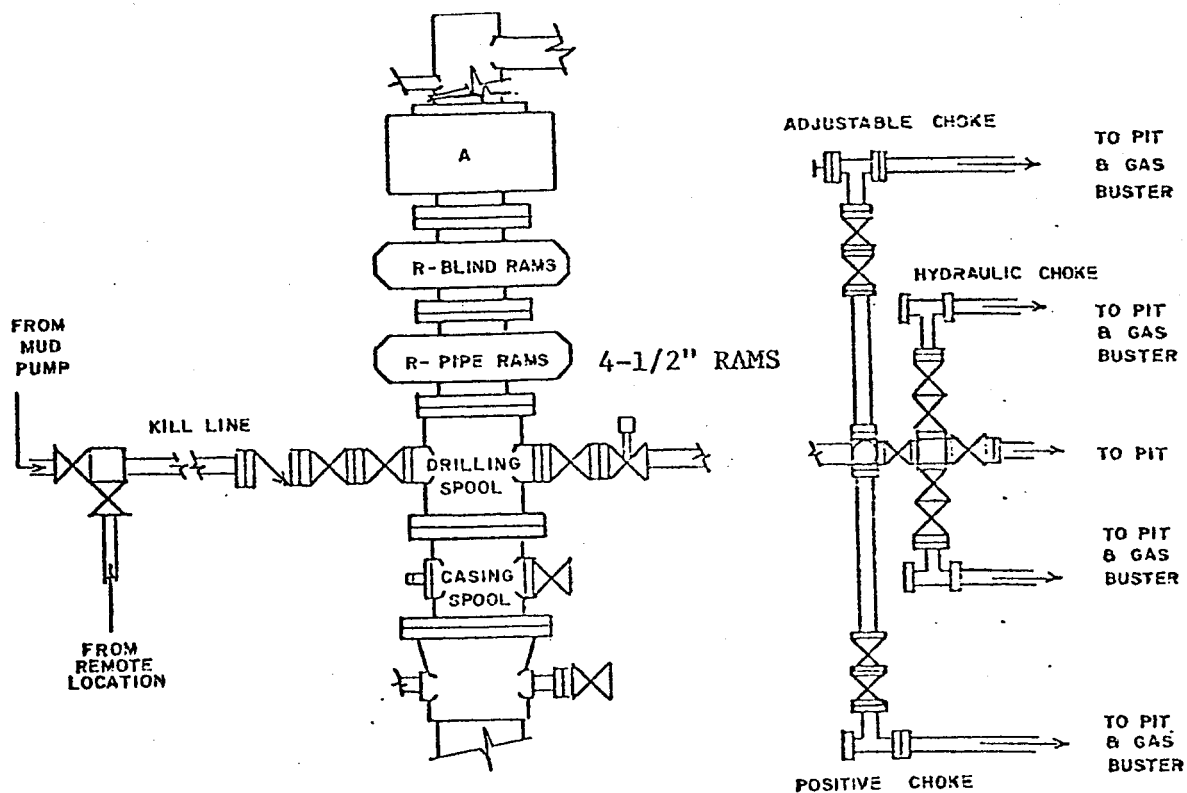
Auxiliary equipment to be used:

- a. kelly cock
- b. monitoring equipment on the mud system
- c. a sub with a full opening valve will be available on the floor to stab into the drill pipe when the kelly is not in the string.



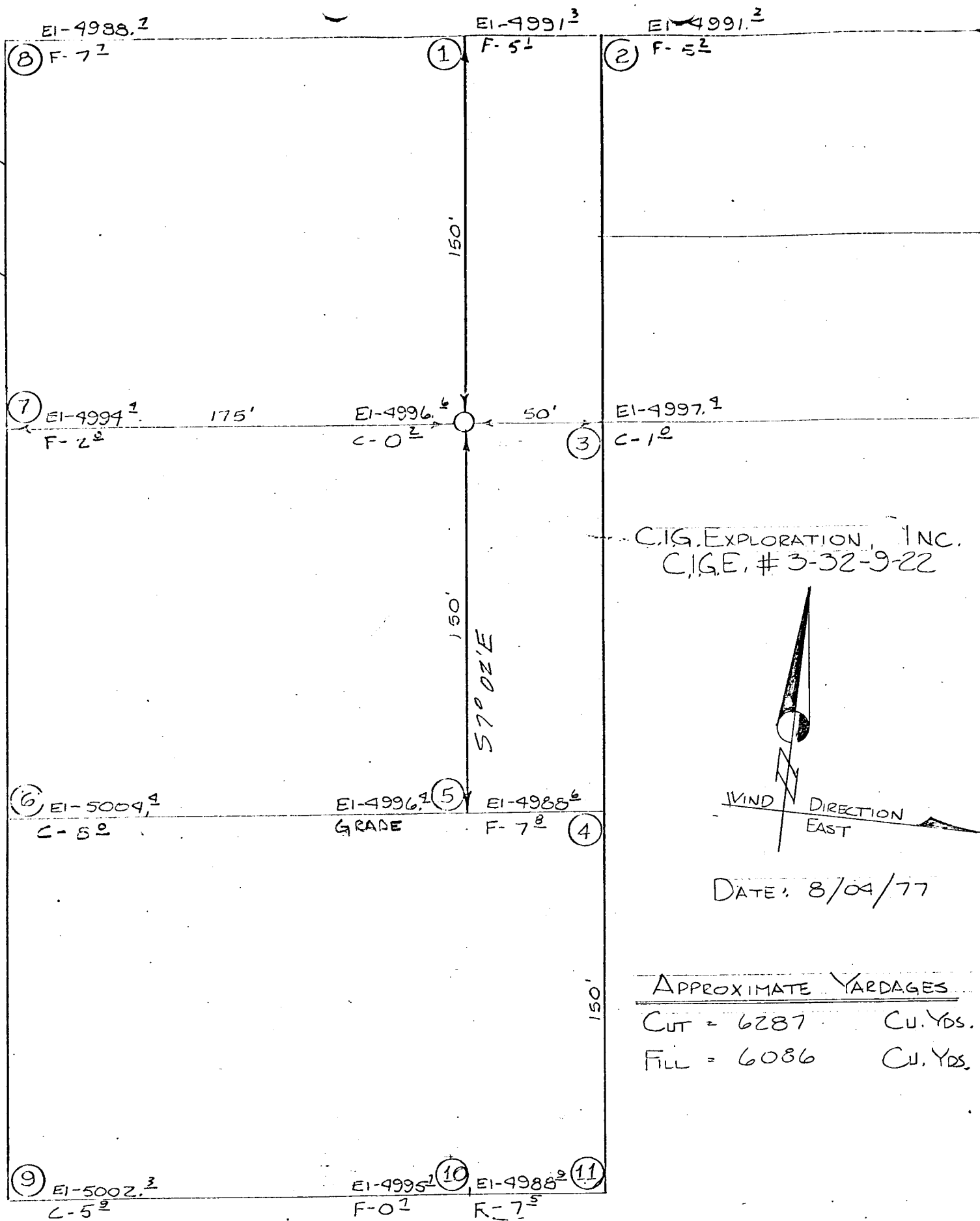
3000 psi

Working Pressure BOP's



### Test Procedure

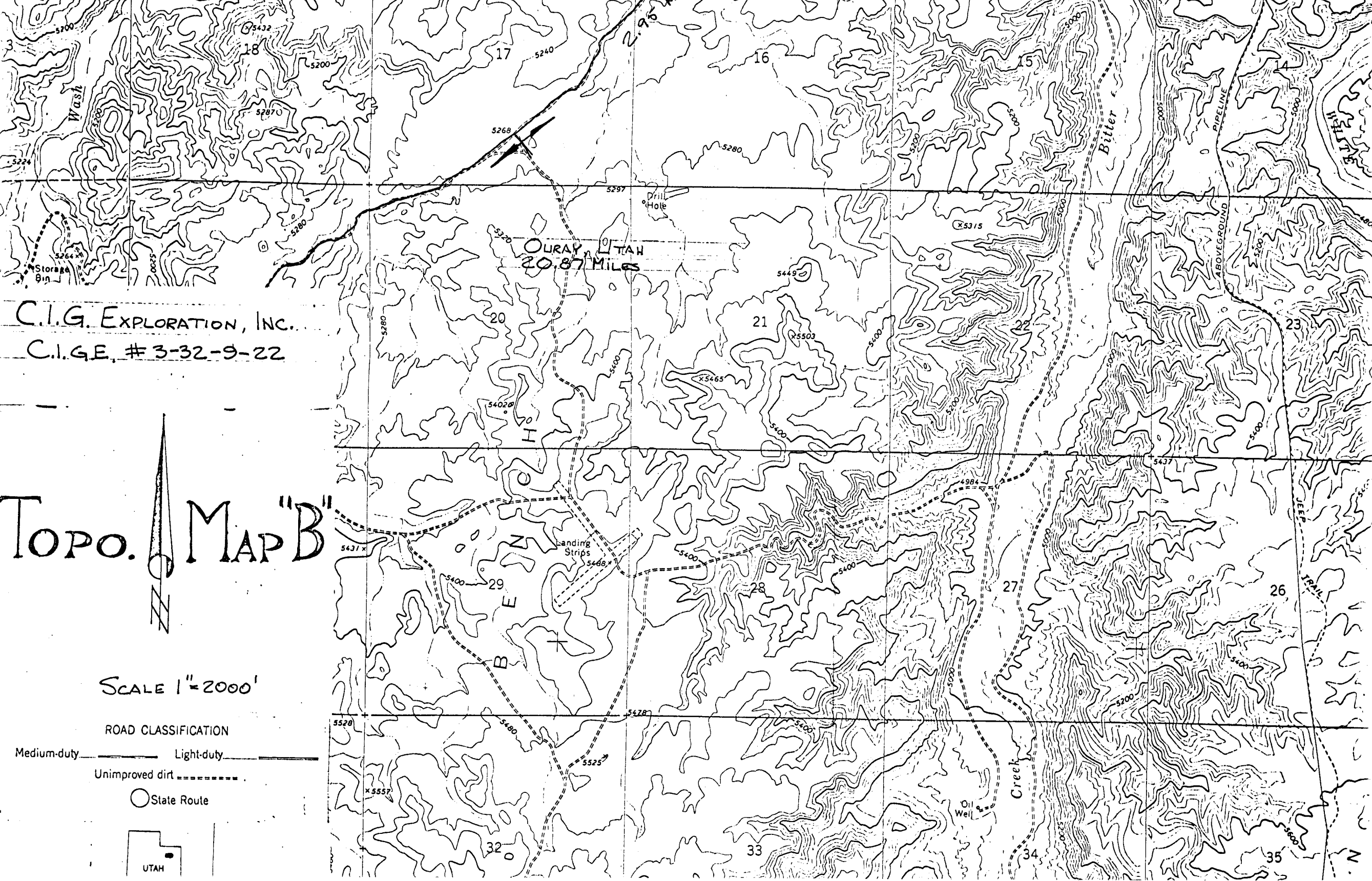
- 1) Flush BOP's and all lines to be tested with water.
- 2) Run test plug on test joint and seat in casing head (leave valve below test plug open to check for leak).
- 3) Test the following to rated pressure:
  - a) inside blowout preventer
  - b) lower kelly cock
  - c) upper kelly cock
  - d) stand pipe valve
  - e) lines to mud pump
  - f) kill line to BOP's
- 4) Close and test pipe rams to rated pressure.
- 5) Close and test Hydril to rated pressure.
- 6) Back off and leave test plug in place. Close and test blind rams to rated pressure.
- 7) Test all choke manifold valves to rated pressure.
- 8) Test kill line valves to rated pressure.

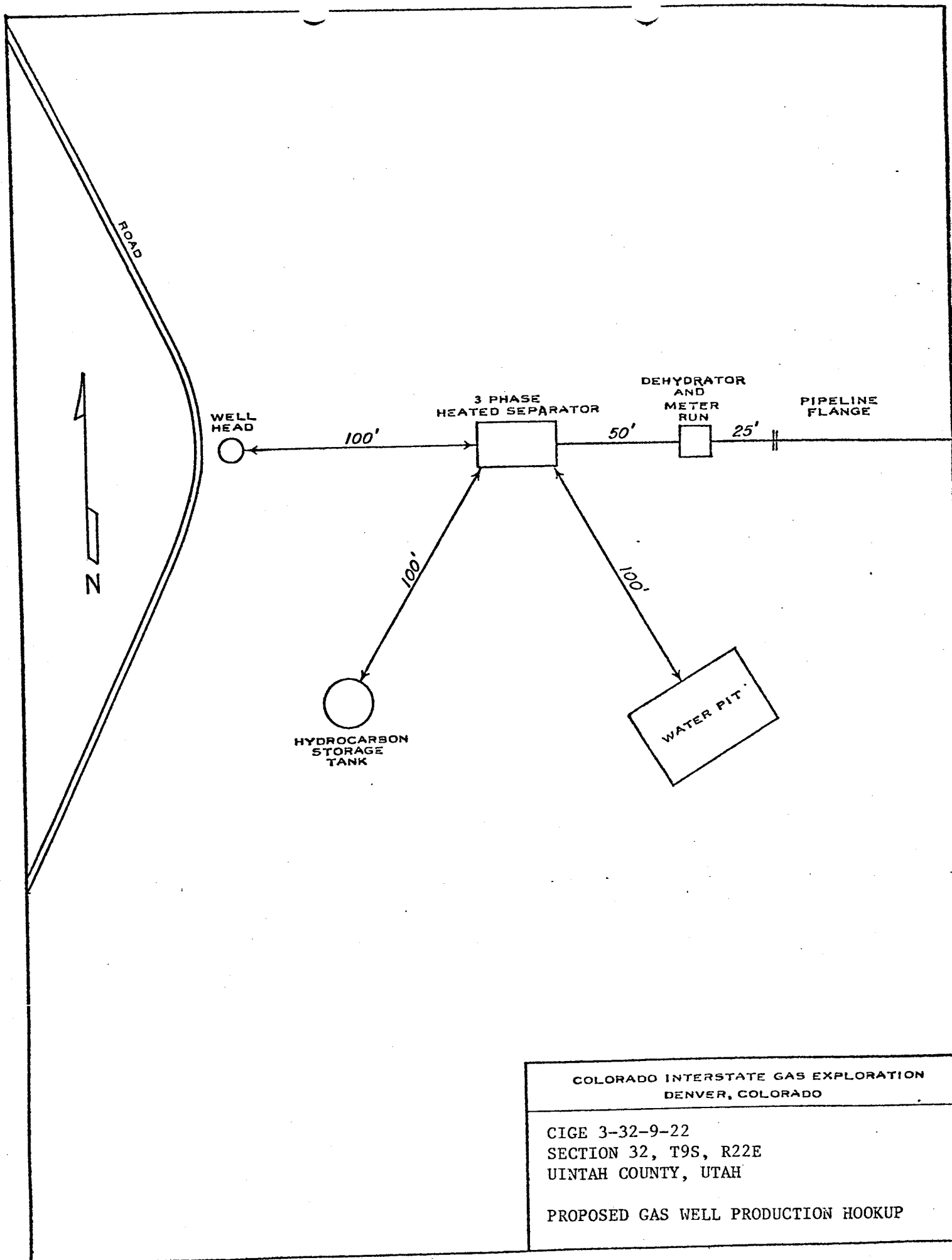


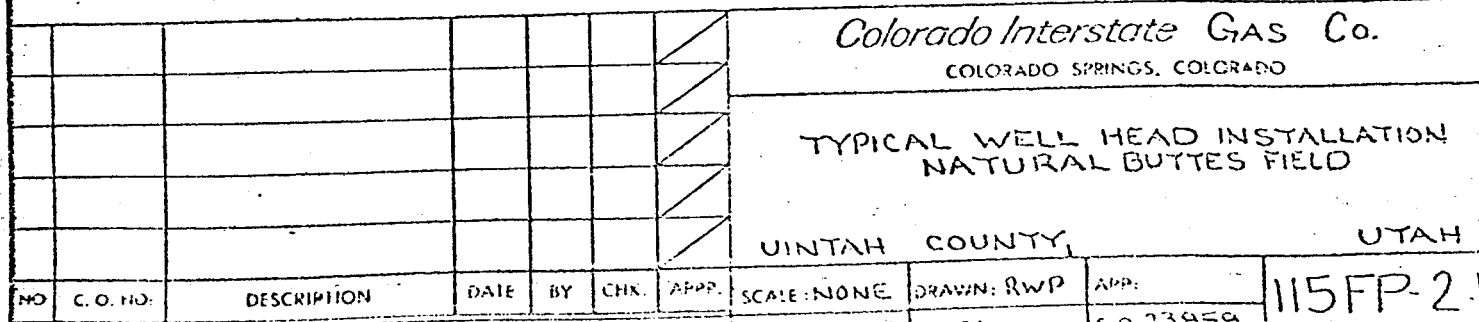


Topo. Map "B"

UTAH







PIPELINE TO BE ADEQUATELY ANCHORED  
TO PREVENT UNDUE MOVEMENT OR STRAIN  
TO EXISTING FACILITY. NUMBER AND SPACING  
OF ANCHORS TO BE DETERMINED IN FIELD.

FOR PIPE ANCHOR  
DETAIL SEE DWG.  
80FM3-4A

20'±

EXIST. PIPELINE

ALTERNATE ANCHOR - BURY PIPELINE MIN. OF 18"

(TYP. FOR G.P.E. OR C.I.G.)

C.I.G. OTHER

INSUL.

TYP. FOR CONN. TO M.F.S.

Colorado Interstate Gas Co.  
COLORADO SPRINGS, COLORADO

TYPICAL CONNECTION TO MAIN  
LINES AND PIPE ANCHOR  
DETAIL - NATURAL BUTTES FIELD

UINTA COUNTY, UTAH

NO	C. O. NO.	DESCRIPTION	DATE	BY	CHK	APPR.

REVISIONS

SCALE: NONE DRAWN: RWP APP: AM  
DATE: 7-7-77 CHECK: [signature] C O 23858

115FP-1 1/2

### ESTIMATE SKETCH

DATE: 8 Aug 77  
STARTING DATE: \_\_\_\_\_  
EST. COMP. DATE: \_\_\_\_\_  
☐ COMPANY ☐ CONTRACT

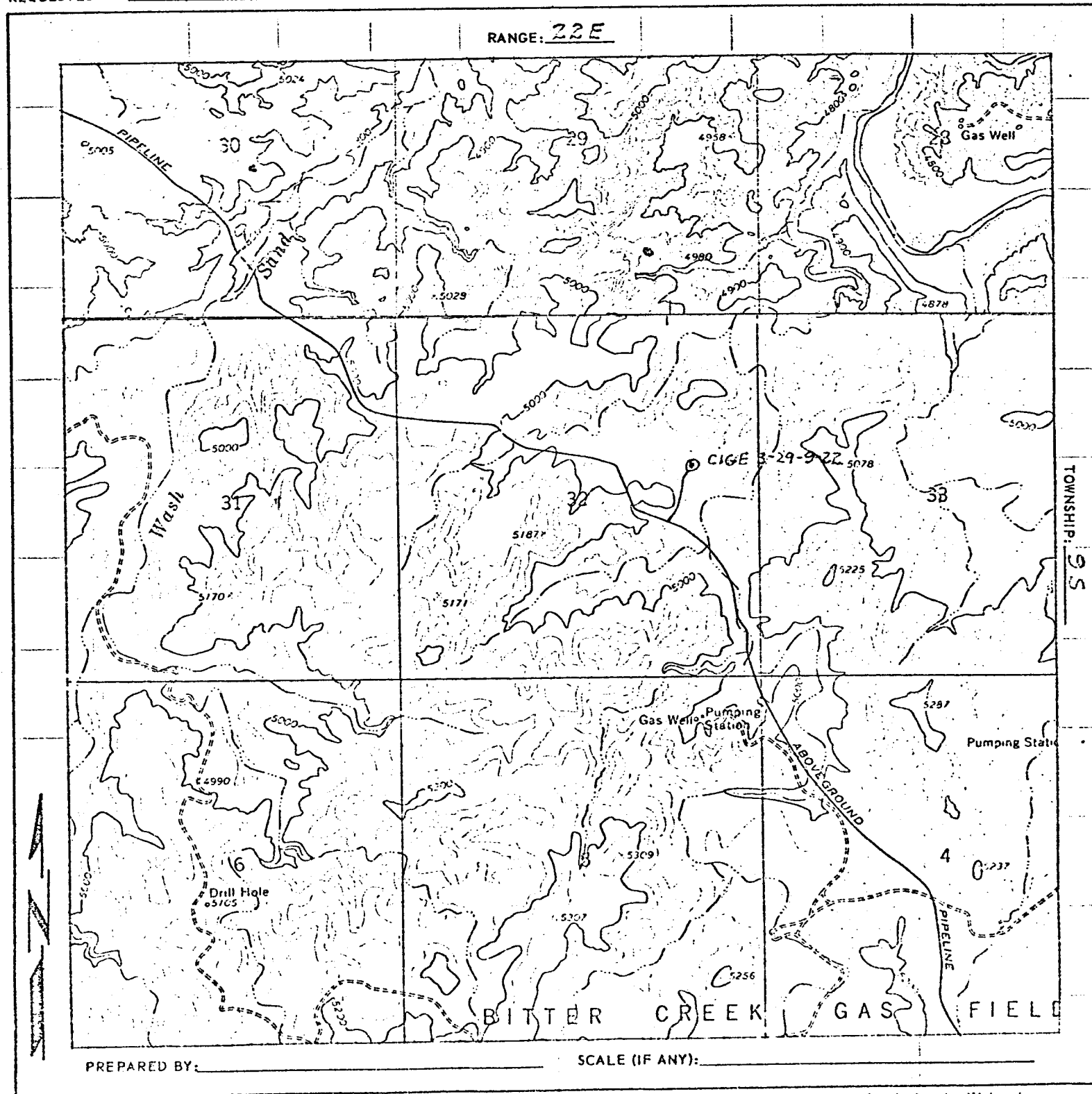
☐ COLORADO INTERSTATE GAS COMPANY  
☐ NORTHWEST PIPELINE CORPORATION

W. O. NO.: \_\_\_\_\_  
 REVISION NO.: \_\_\_\_\_  
 BUDGET NO.: \_\_\_\_\_  
 RELATED DWG.: \_\_\_\_\_

LOCATION: SPP T9C, R22.E NATURAL BUTTES FIELD COUNTY: UINTAH STATE: UTAH  
DESCRIPTION OF WORK: \_\_\_\_\_

CONNECT C/GE 3-32-9-22

REQUESTED BY: \_\_\_\_\_ APPROXIMATE MILEAGE: 600' PROJECT ENGINEER: DDS



*Freehand sketch of location of proposed installation to be constructed or retired showing relative location of existing facilities in area.*



Statement for Permit to Lay Flow Line to be Included  
with Application for Drilling Permit -- CIGE 3-32-9-22

Upon approval of all concerned regulatory agencies, CIGE proposes to install a surface flow line from CIGE 3-32-9-22, in a southwesterly direction, to connect to Mountain Fuel Supply 6" line. The line will be 2½", welded construction, and will be approximately 600' long as shown on the accompanying sketches (3).

Some damage will be incurred by trucks transporting pipe and welding equipment over the pipeline route, but surface disturbance will be held to a minimum.

DDS 8/9/77

STATE OF UTAH  
DIVISION OF OIL, GAS, AND MINING

\*\* FILE NOTATIONS \*\*

Date: August 17, 1977  
Operator: C. L. G. Exploration, Inc.  
Well No: Natural Buttes #3  
Location: Sec. 32 T. 9S R. 22E County: Uintah

File Prepared ☒  
Card Indexed ☒

Entered on N.I.D. ☒  
Completion Sheet ☒

CHECKED BY:

Administrative Assistant \_\_\_\_\_

Remarks:

Petroleum Engineer ok R

Remarks:

Director Z

Remarks:

INCLUDE WITHIN APPROVAL LETTER:

Bond Required ☐

Survey Plat Required ☐

Order No. \_\_\_\_\_ ☐

Surface Casing Change ☐  
to \_\_\_\_\_

Rule C-3(c), Topographic exception/company owns or controls acreage  
within a 660' radius of proposed site ☐

O.K. Rule C-3 ☐

O.K. In Natural Buttes Unit ☒

Other:

☒ Letter written/Approved

STATE OF UTAH  
OIL & GAS CONSERVATION COMMISSION

SUBMIT IN TRIPLICATE\*  
(Other instructions on reverse side)

### SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

<b>1. OIL WELL</b> <input type="checkbox"/> <b>GAS WELL</b> <input checked="" type="checkbox"/> <b>OTHER</b>		<b>5. LEASE DESIGNATION AND SERIAL NO.</b> ML - 22649	
<b>2. NAME OF OPERATOR</b> CIG EXPLORATION, INC.		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME</b> N/A	
<b>3. ADDRESS OF OPERATOR</b> P.O. Box 749 - Denver, Colorado 80201		<b>7. UNIT AGREEMENT NAME</b> NATURAL BUTTES UNIT	
<b>4. LOCATION OF WELL</b> (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface  2,270' FNL 900' FEL - Section 32, T9S, R22E		<b>8. FARM OR LEASE NAME</b> NATURAL BUTTES UNIT	
<b>14. PERMIT NO.</b> 43-047-30320		<b>9. WELL NO.</b> #3	
<b>15. ELEVATIONS</b> (Show whether DY, RT, OR, etc.) 4,9971 Ungr. Gr.		<b>10. FIELD AND POOL, OR WILDCAT</b> BITTER CREEK FIELD	
		<b>11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA</b> SECTION 32, T9S, R22E	
		<b>12. COUNTY OR PARISH</b> Uintah	<b>13. STATE</b> Utah

**16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data**

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input checked="" type="checkbox"/>	(Other) Changed plans <input checked="" type="checkbox"/>	
(Other) <input type="checkbox"/>		(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

**17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS** (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Change proposed casing & cementing program from;

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17-1/2	13-3/8	48#	75'	50SX
12-1/4	9-5/8	36#	2,500'	680SX
7-7/8	4-1/2	13.5#	6,000'	AS REQUIRED TO COVER PAY ZONE

TO:

12-1/4	9-5/8	36#	200'	125 sx	
7-7/8	4-1/2	13.5#	6,000'	as required to cover pay zone.	

Belco is presently using this program in the Natural Buttes Unit.

APPROVED BY THE DIVISION OF  
OIL, GAS, AND MINING

DATE: 11-7-77  
BY: P. L. Marshall

18. I hereby certify that the foregoing is true and correct

SIGNED Robert S. Merrill TITLE Area Engineer DATE November 2, 1977  
R. G. Merrill

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:



SCOTT M. MATHESON  
Governor

OIL, GAS, AND MINING BOARD

GORDON E. HARMSTON  
*Executive Director,*  
NATURAL RESOURCES

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS, AND MINING  
1588 West North Temple  
Salt Lake City, Utah 84116  
(801) 533-5771

I. DANIEL STEWART  
*Chairman*

CHARLES R. HENDERSON  
JOHN L. BELL  
THADIS W. BOX  
C. RAY JUVELIN

CLEON B. FEIGHT  
*Director*

August 31, 1978

Cig Exploration, Inc.  
P.O. Box 749  
Denver, Colorado 80201

RE: Well locations listed on  
attached sheet

Gentlemen:

Our records indicate that you have not filed a Monthly Report of Operations for the months indicated above on the subject wells.

Rule C-22, General Rules and Regulations and Rules of Practice and Procedure, requires that said reports be filed on or before the sixteenth (16) day of the succeeding month. This report may be on Form OGC-1b, (U.S. Geological Survey Form 9-331) "Sundry Notices and Reports on Wells", or on company forms containing substantially the same information. We are enclosing forms for your convenience.

Your prompt attention to the above will be greatly appreciated.

Very truly yours,

DIVISION OF OIL, GAS, & MINING

Tammy Edge  
Typist

Well No. Cige 2-29-10-21(NBU)  
Sec. 29, T. 10S, R. 2.E  
Uintah County, Utah  
October 1977-July 1978

Well No. Natural Buttes Unit #23  
Sec. 7, T. 10S, R. 22E  
Uintah County, Utah  
December 1977-July 1978

Well No. Cige 3-16-9-21(NBU)  
Sec. 16, T. 9S, R. 21E  
Uintah County, Utah  
August 1977-July 1978

Well No. Cige 3-32-9-22(NBU)  
Sec. 32, T. 9S, R. 22E  
Uintah County, Utah  
December 1977-July 1978

Well No. Natural Buttes Unit #4  
Sec. 9, T. 10S, R. 21E  
Uintah County, Utah  
February 1978-July 1978

Well No. Natural Buttes Unit 6-19-9-21  
Sec. 19, T. 9S, R. 21E  
Uintah County, Utah  
April 1978-July 1978

Well No. Natural Buttes Unit 7-8-10-21  
Sec. 8, T. 10S, R. 21E  
Uintah County, Utah  
June 1978-July 1978

Well No. Natural Buttes Unit 9-36-9-22  
Sec. 36, T. 9S, R. 22E  
Uintah County, Utah  
June 1978-July 1978

Well No. Cige 21-15-10-22  
Sec. 15, T. 10S, R. 22E  
Uintah County, Utah  
April 1978-July 1978

Well No. Cige 10-2-10-22  
Sec. 15, T. 10S, R. 22E  
Uintah County, Utah  
June 1978-July 1978

STATE OF UTAH  
OIL & GAS CONSERVATION COMMISSION

SUBMIT IN TRIPLICATE\*  
(Other instructions on reverse side)

## SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

1. <input type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NO. ML - 22649	
2. NAME OF OPERATOR CIG EXPLORATION, INC.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME N/A	
3. ADDRESS OF OPERATOR P.O. Box 749 - Denver, Colorado 80201		7. UNIT AGREEMENT NAME NATURAL BUTTES UNIT	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface  2,270' FNL 900' FEL - Section 32, T9S, R22E		8. FARM OR LEASE NAME NATURAL BUTTES UNIT	
14. PERMIT NO. 43-047-30320		9. WELL NO. CIGE 3-32-9-22	
15. ELEVATIONS (Show whether DY, RT, OR, etc.) 4997 Ungr. Gr.		10. FIELD AND POOL, OR WILDCAT BITTER CREEK FIELD	
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA SECTION 32, T9S, R22E	
		12. COUNTY OR PARISH Uintah	13. STATE Utah

16. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	SEE BELOW <input checked="" type="checkbox"/>

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

REPORT OF OPERATIONS FOR JANUARY THROUGH MARCH 1978

SEE ATTACHED.

18. I hereby certify that the foregoing is true and correct

SIGNED

*F. R. Midkiff*  
F. R. Midkiff

TITLE

District Superintendent

DATE September 21, 1978

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

CIGE 3-32-9-22 (NBU)

Bitter Creek Field

Uintah County, Utah

AFE: 19341 WI: 100%

ATD: 5800' SD: 11-25-77

CIGE, Inc., Oper

Anderson Drilling, Contr.

9-5/8" @ 235'; 4½" @ 5800'

Gross Perf Int: 4546'-5662'

TD: 5800' Flowing to sales

2-28-78

FCP 1250#, on 17/64" ck.

1906 MCFD, 43 BWPD.

FINAL REPORT - DROP FROM REPORT.

TD: 5800'

3-23-78

MI WO rig.

Prep to run tbg.

3-24-78 Prep to TIH w/2-3/8" tbg.

Finished RU Gibson Well Service. Killed well w/100 bbls  
of 9.6# Brine Wtr. ND Tree. NU BOP. RU 2-3/8" tbg - 6 jts.  
Well blew tbg out of hole. SI well. Clean up tbg & SDFN.

3-25-78

Flow to pit to clean up.

Kill well w/10# bring. PU 2-3/8" tbg w/notched collar.

TIH to 5209' w/seating nipple @ 5078', 165 jts 2-3/8"  
EUE, 4.7#, J-55 "A" egg. ND BOP's. NU tbg. Flow to pit.  
DROP FROM REPORT - BACK TO SALES.

CIGE 3-32-9-22 (NBU)

Bitter Creek Field

Uintah County, Utah

AFE: 19341 WI: 100%

ATD: 5800' SD: 11-25-77

CIGE, Inc., Oper

Anderson Drilling, Contr.

9-5/8" @ 235'; 4½" @ 5800'

Gross Perf Int: 4546'-5662'

TD: 5800'

2-9-78

SICP 2400#; WO hot tap.

TD: 5800'

2-10-78

WO pipeline connection.

SICP 2450 psi.

TD: 5800'

2-11-78

SICP 2400#. WO pipeline connection.

TD: 5800'

2-12-78

WO pipeline connection.

TD: 5800'

2-13-78

Prep to press test sales line.

Will put into sales on 2-14-78.

TD: 5800'

2-14-78

Prep to HU to sales.

TD: 5800'

2-15-78

Prep to put into sales.

SICP 2450#.

TD: 5800'

2-16-78

Flow to sales @ 1:00 pm, 2-15-78

6/64" ck, FCP - 2100#, FARO - 900 MCFD.

TD: 5800'

2-17-78

FCP 2000#.

6/64" ck, 668 MCFD.

TD: 5800'

2-18-78

FCP 2000#, 13/64" ck - 880 MCFD total.

TD: 5800'

2-19-78

FCP 2000 psig, 13/64" ck.

880 MCFD - dry.

TD: 5800'

2-20-78

FCP 2000 psig, 7-6/64" ck, 575 MCFD.

TD: 5800'

2-21-78

SI for repairs to CIGE DeHy Unit.

TD: 5800'

2-22-78

Flowing to sales

FCP 2000# on 7/64" ck.

975 MCFD. Dry gas.

TD: 5800'

2-23-78

FCP 1200#, 13/64" ck,

1100 MCFD, 10 BWPD

Mountain Fuel changed orifice plate  
from 1" to 1½" on 2" Meter run @ 3:00  
PM, 2-22-78.

TD: 5800'

2-24-78

Flowing well to sales.

Open ck to 16/64" @ 12:30 PM. Flowing  
1.8 MMSCFD. Flowing 43 BWPD.2-25-78

Flowing to sales line.

FCP 1200#, 17/64" ck,

1850 MCFD, 45 BWPD.

2-26-78

Flow to sales line.

FCP 1300#, 17/64" ck,

2035 MCFD, 60 BWPD.

2-27-78

Flowing to sales.

FCP 1300#, 17/64" ck,

1,993 MCFD, 34 BWPD.



CIGE 3-32-9-22 (NBU)

Bitter Creek Field

Uintah County, Utah

AFE: 19341 WI: 100%

ATD: 5800' SD: 11-25-77

CIGE, Inc., Oper.

Anderson Drilling, Contr.

9-5/8" @ 235'; 4 1/2" @ 5800'

Gross Perf Int: 4546'-5662'

TD: 5800' Well SI - WO producing equipment & CIG pipe line.  
1-16-78 SICP 1950 psi.

TD: 5800' WO pipeline connection  
1-17-78 SICP 2000#.

TD: 5800'  
1-18-78 SI - WO pipeline connection.  
Transfer to back page.

TD: 5800' WO Production Equipment  
1-22-78 CIG installing pipeline for sales.

TD: 5800' WO Production Equipment.  
1-23-78 CIG pipeline complete - not press tested.

TD: 5800' WO Production Equipment.  
1-24-78 SICP 2000 psi.

TD: 5800' WO production equipment.  
1-25-78

TD: 5800' WO production equipment.  
1-26-78

TD: 5800' WO production equipment.  
1-27-78

TD: 5800' WO production equipment.  
1-28-78

TD: 5800' SI WO production equipment.  
1-29-78 SICP 2100#.

TD: 5800' WO production equipment.  
1-30-78

TD: 5800' WO Pipeline (Mountain Fuel).  
1-31-78 SICP 2450#. WO Mountain Fuel Hot tap.  
Gas analysis is OK. (Est 3-5 days on hot tap).

TD: 5800' WO surface equipment installation.  
2-1-78

TD: 5800' WO hot tap for flow line.  
2-2-78 Poured concrete base for prod. unit.  
SICP 2450#.

TD: 5800' SICP 2450#,  
2-3-78 WO hot tap.

TD: 5800' WO hot tap.  
2-4-78 SICP 2500#.

TD: 5800' WO pipeline connection.  
2-5-78 SICP 2450#.

TD: 5800' WO pipeline connection.  
2-6-78

TD: 5800' WO pipeline connection.  
2-7-78

TD: 5800' WO pipeline connection.  
2-8-78

BLOWOUT PREVENTER PROGRAM:

CIGE 3-32-9-22  
SECTION 32, T9S, R22E  
UINTAH COUNTY, UTAH

Operator's minimum specifications for pressure control equipment which is to be used, a schematic diagram thereof showing sizes, pressure ratings, and testing procedures and testing frequency.

3000# BOP W/4-1/2" pipe rams  
3000# BOP W/blind rams  
3000# Hydril

Manifold includes appropriate valves, positive and adjustable chokes and kill line, to control abnormal pressures.

BOP's will be tested at installation and will be cycled on each trip.

The type and characteristics of the proposed circulating medium to be employed for rotary drilling and the quantities and types of mud and weighting material to be maintained:

The well will be drilled with fresh water/<sup>mud</sup>from surface to 4,500' with a weight of 8.3 to 8.7 ppg. From 4,500' to T. D. the well will be drilled with water mud with a weight from 8.7 to 10.7 ppg.

Auxiliary equipment to be used:

- a. kelly cock
- b. monitoring equipment on the mud system
- c. a sub with a full opening valve will be available on the floor to stab into the drill pipe when the kelly is not in the string.

SUBMIT IN DUPLICATE\*

STATE OF UTAH

(See other instructions on reverse side)

## OIL &amp; GAS CONSERVATION COMMISSION

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG\*

1. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Other \_\_\_\_\_

2. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other \_\_\_\_\_

3. NAME OF OPERATOR  
CIG EXPLORATION, INC.

4. ADDRESS OF OPERATOR  
P.O. Box 749 - DENVER, COLORADO 80201

5. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\*  
At surface 2270' FNL & 900' FEL Section 32 & T9S, R22E  
At top prod. interval reported below SAME AS ABOVE  
At total depth SAME AS ABOVE

6. PERMIT NO. 43-047-30320 DATE ISSUED 8-17-77

7. LEASE DESIGNATION AND SERIAL NO.  
ML - 22649

8. IF INDIAN, ALLOTTEE OR TRIBE NAME  
N/A

9. UNIT AGREEMENT NAME  
NATURAL BUTTES UNIT

10. FARM OR LEASE NAME  
NATURAL BUTTES

11. WELL NO.  
CIGE 3-32-9-22

12. FIELD AND POOL, OR WILDCAT  
BITTER CREEK FIELD

13. SEC., T., R., N., OR BLOCK AND SURVEY OR AREA  
SECTION 32, T9S, R22E

14. COUNTY OR PARISH  
UINTAH

15. STATE  
UTAH

16. DATE SPUDDED 11-24-77 17. DATE T.D. REACHED 12-16-77 18. DATE COMPL. (Ready to prod.) 1-15-78 19. ELEVATIONS (DF, RKB, RT, OR, ETC.)\* 4997 UNGR GR. 20. ELEV. CASINGHEAD UNKNOWN

21. TOTAL DEPTH, MD & TVD 5800 22. PLUG, BACK T.D., MD & TVD 5800 23. IF MULTIPLE COMPL., HOW MANY\* - 24. INTERVALS DRILLED BY 230' - TD 25. ROTARY TOOLS 0 - 230' 26. CABLE TOOLS

27. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\*  
4546 - 5662 Gross, WASATCH

28. TYPE ELECTRIC AND OTHER LOGS RUN  
DIL, FDC, CNL

29. WAS DIRECTIONAL SURVEY MADE  
YES

30. WAS WELL CORRED  
NO

31. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
9 - 5/8"	36#	230'		150sx	-
4 1/2"	11.6#	5801'		630SX	

32. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)
-	-	-	-	-

33. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-3/8"	5209'	

34. PERFORATION RECORD (Interval, size and number)

CBL: 4546-48, 4818-221, 4954 - 56',  
4965 - 67', 5454 - 56, 5647 - 49,  
5660 - 62  
1SPF: 0.4" Diameter Holes  
Total: 16 Holes

35. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
4546-5662	Acidize w/2000 gal 15% MSR
4546 - 5662	FRAC w/123,000 BBL Fluid & 240,000 # sand

36. PRODUCTION

DATE FIRST PRODUCTION 2-15-78 PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) FLOWING WELL STATUS (Producing or shut-in) PRODUCING

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
2-27-78	24	17/64		-	1,906	43 BWPD	-

FLOW. TUBING PASS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
-	1250		-	1906	43	-

37. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) SOLD TEST WITNESSED BY Karl E. Oden

38. LIST OF ATTACHMENTS

39. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED R. G. Merrill TITLE Sr. Petroleum Engineer DATE 1-12-79

\*(See Instructions and Spaces for Additional Data on Reverse Side)

# INSTRUC CNS

**General:** This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formations and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments, items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES: SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF: CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTHER INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES			38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
			Green River	1216	
			Wasatch	4458	

— COLORADO INTERSTATE GAS COMPANY

**ONE-POINT BACK PRESSURE TEST FOR NATURAL GAS WELLS**

COMPANY: <b>CIG EXPLORATION INC</b>				LEASE: <b>CIGC 3-32-9-22</b>				WELL NUMBER:			
FIELD: <b>NATURAL BUTTES AREA</b>				PRODUCING FORMATION: <b>WASATCH SA</b>				COUNTY: <b>UINTAH COUNTY</b>			
SECTION: <b>32</b>		TOWNSHIP: <b>NS</b>		RANGE: <b>22E</b>		PIPELINE CONNECTION: <b>COLORADO INTERSTATE GAS COMPANY</b>					
CASING (O.D.):		WT./FT.:		I.D.:		SET AT:		PERF.:		TO:	
				<b>4.000</b>		<b>5801</b>		<b>4346</b>		<b>5662</b>	
TUBING (O.D.): <b>4.500</b> <b>2.375</b>		WT./FT.: <b>11.6</b>		I.D.: <b>1.995</b> <b>5209</b>		SET AT:		PERF.:		TO:	
PAY FROM:		TO:		L: <b>7000</b> <b>5209</b>		G(RAW GAS): <b>.604</b>		GL: <b>4228.000</b>		d <sub>e</sub> : <b>1.9956</b>	
PRODUCING THRU: <b>TUBING</b>		STATIC COLUMN: <b>YES</b>		PACKER (S) SET @:		G (SEPARATOR): <b>.604</b>		METER RUN SIZE: <b>2.067</b> (FLANGE)		ATTRIBUTABLE ACREAGE:	

DATE OF FLOW TEST:		<b>9-19-78</b>		<b>9-22-78</b>		<b>OBSERVED DATA</b>					
ORIFICE SIZE INCHES	METER DIFFERENTIAL RANGE	METER PRESSURE	DIFFERENTIAL ROOTS	FLOWING TEMPERATURE t	CASING WELLHEAD PRESSURE		TUBING WELLHEAD PRESSURE				
					p.s.i.g.	p.s.i.a.	p.s.i.g.	p.s.i.a.			
<b>1.000</b>	<b>100</b>	<b>475.0</b>	<b>5.15</b>	<b>82</b>	<b>832.0</b>	<b>845.0</b>	<b>778.0</b>	<b>791.0</b>			

<b>RATE OF FLOW CALCULATIONS</b>								
24 HOUR COEFFICIENT	METER PRESSURE p.s.i.a.	hw	P <sub>mhw</sub>	EXTENSION $\sqrt{P_{mhw}}$	GRAVITY FACTOR F <sub>g</sub>	FLOWING TEMP. FACTOR F <sub>t</sub>	DEVIATION FACTOR F <sub>pv</sub>	RATE OF FLOW R MCFD
<b>5173.0</b>	<b>488.0</b>	<b>26.52</b>	<b>12943.224</b>	<b>113.768</b>	<b>1.287</b>	<b>.9795</b>	<b>1.0370</b>	<b>754.48</b>

DATE OF SHUT-IN TEST:		<b>9-19-78</b>								<b>PRESSURE CALCULATIONS</b>			
SHUT-IN PRESSURE:		CASING: <b>1083.0</b> p.s.i.g.				TUBING: <b>1082.0</b> p.s.i.g.		BAR: <b>13.000</b> p.s.i.		P <sub>c</sub> : <b>1096.0</b> p.s.i.a.		P <sub>c</sub> <sup>2</sup> : <b>1201216.0</b>	
P <sub>w</sub> p.s.i.a.	P <sub>w</sub> <sup>2</sup>	P <sub>r</sub>		T <sub>r</sub>		Z							
<b>845.0</b>	<b>714025.0</b>												

<b>POTENTIAL CALCULATIONS</b>			
(1) $\frac{P_c^2 - P_a^2}{P_c^2 - P_w^2} =$ <b>2.4656</b>		(2) $\left[ \frac{P_c^2 - P_a^2}{P_c^2 - P_w^2} \right]^n =$ <b>1.7561</b>	
(3) $R \left[ \frac{P_c^2 - P_a^2}{P_c^2 - P_w^2} \right]^n =$ <b>1325</b>			
CALCULATED WELLHEAD OPEN FLOW <b>1325</b> MCFD @ 14.65		BASIS OF ALLOCATION:	
APPROVED BY COMMISSION:		CONDUCTED BY:	
		CHECKED BY:	
		<b>.624 (Average)</b>	

I, \_\_\_\_\_, BEING FIRST DULY SWORN ON OATH, STATE THAT I AM FAMILIAR WITH FACTS AND FIGURES SET FORTH IN THIS REPORT, AND THAT THE REPORT IS TRUE AND CORRECT.

\_\_\_\_\_  
SIGNATURE AND TITLE OF AFFIANT

\_\_\_\_\_  
COMPANY

SUBSCRIBED AND SWORN TO BEFORE ME THIS \_\_\_\_\_ DAY OF \_\_\_\_\_, 19 \_\_\_\_\_

MY COMMISSION EXPIRES \_\_\_\_\_

\_\_\_\_\_  
NOTARY PUBLIC

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

**SUNDRY NOTICES AND REPORTS ON WELLS**

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil ☐ well gas ☒ well other ☐

2. NAME OF OPERATOR  
Coastal Oil & Gas Corporation

3. ADDRESS OF OPERATOR  
P. O. Box 749, Denver, CO 80201

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)  
AT SURFACE: 2270' FNL & 900' FEL  
AT TOP PROD. INTERVAL: SAME  
AT TOTAL DEPTH: SAME

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:		SUBSEQUENT REPORT OF:
TEST WATER SHUT-OFF	<input type="checkbox"/>	<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>	<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>	<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>	<input type="checkbox"/>
PULL OR ALTER CASING	<input type="checkbox"/>	<input type="checkbox"/>
MULTIPLE COMPLETE	<input type="checkbox"/>	<input type="checkbox"/>
CHANGE ZONES	<input type="checkbox"/>	<input type="checkbox"/>
ABANDON*	<input type="checkbox"/>	<input type="checkbox"/>
(other) <u>NTL-2B Unlined Pit</u>		

*Approved*  
*Denied*

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

5. LEASE  
ML-22649

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
N/A

7. UNIT AGREEMENT NAME  
Natural Buttes Unit

8. FARM OR LEASE NAME  
Natural Buttes

9. WELL NO.  
CIGE 3-32-9-22

10. FIELD OR WILDCAT NAME  
Natural Buttes Field

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
Section 32-T9S-R22E

12. COUNTY OR PARISH  
Uintah

13. STATE  
Utah

14. API NO.  
43-047-30320

15. ELEVATIONS (SHOW DF, KDB, AND WD)  
4997' Ungr. Gr.

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

This application is to request approval to dispose of produced waters in an unlined pit with a bentonite seal. The subject well produces less than one BWPD. The attached water analysis gives the composition of produced waters. Water is produced from the Wasatch formation. The evaporation rate for the area compensated for annual rainfall is 70 inches per year. The percolation rate is 2-6 inches per hour for the area. The pit itself is 30' x 30' at the surface, tapering down to 25' x 25', having a depth of 6-1/2 feet. See the attached map for location of well site. The pit is located at the well site.

The areal extent and depth of waters containing less than 10,000 ppm TDS is unknown. The cement for the 4-1/2" casing is brought back near surface which protects all surface waters.

Subsurface Safety Valve: Manu. and Type \_\_\_\_\_ Set @ \_\_\_\_\_ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED F. R. Midkiff TITLE Production Superintendent DATE August 11, 1980

(This space for Federal or State office use)

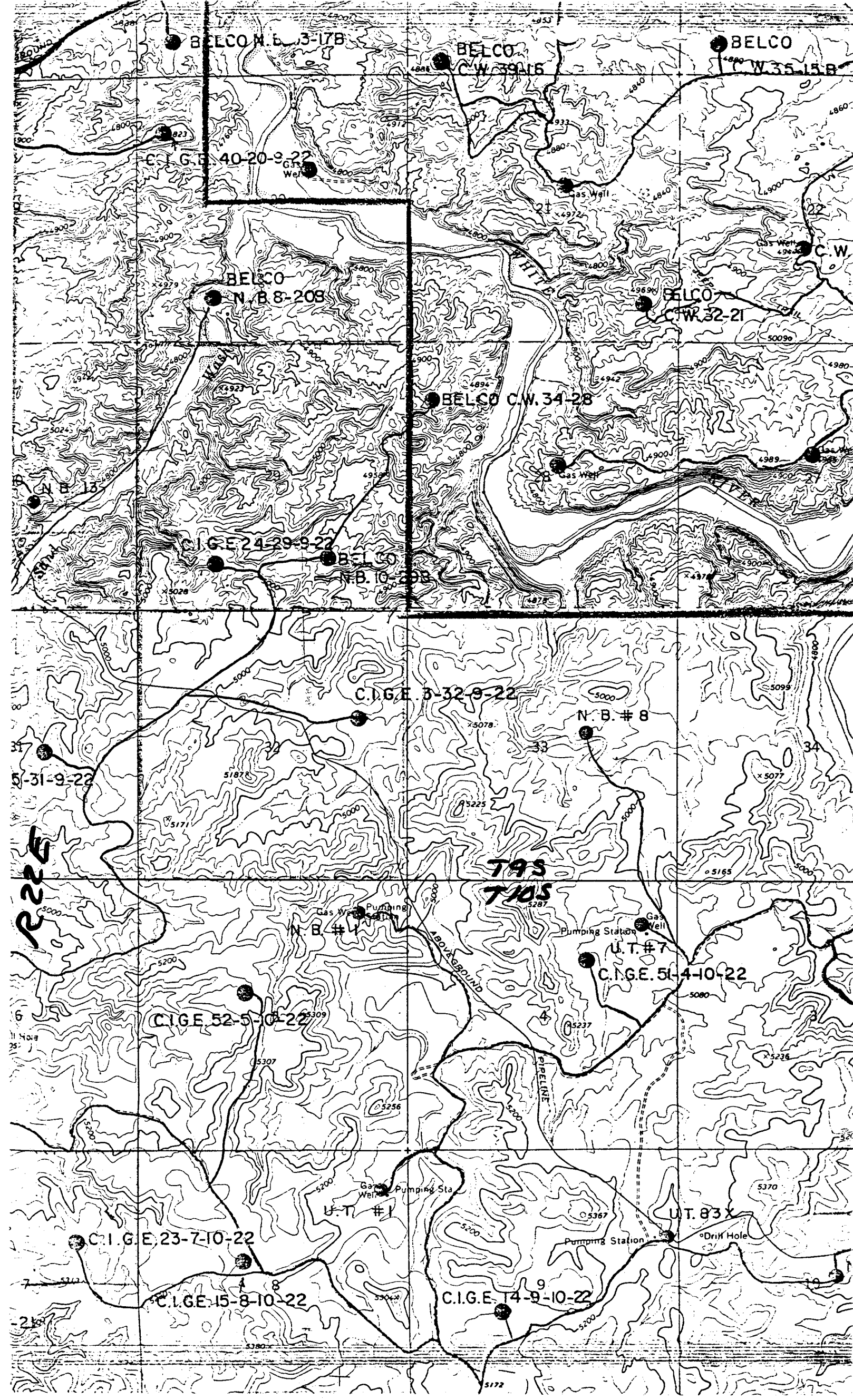
APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

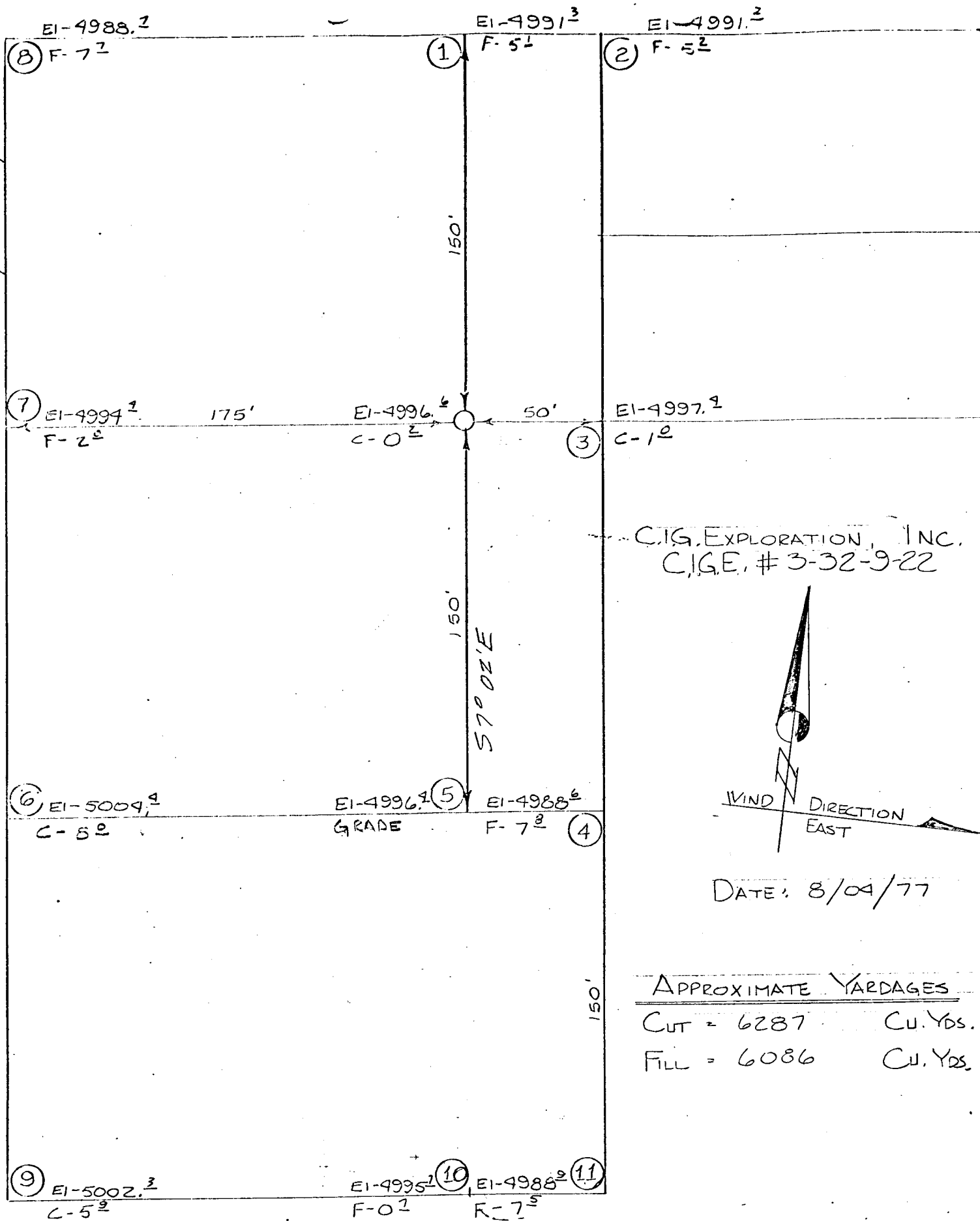
CIGE 3-32-9-22  
Section 32-T9S-R22E  
Uintah County, Utah  
Lease # ML-22649

Continuation

This well was approved for a lined pit. However, water production dropped to less than 1 BWPD and a lined pit was not constructed. Application is made at this time for an unlined pit with a bentonite seal.

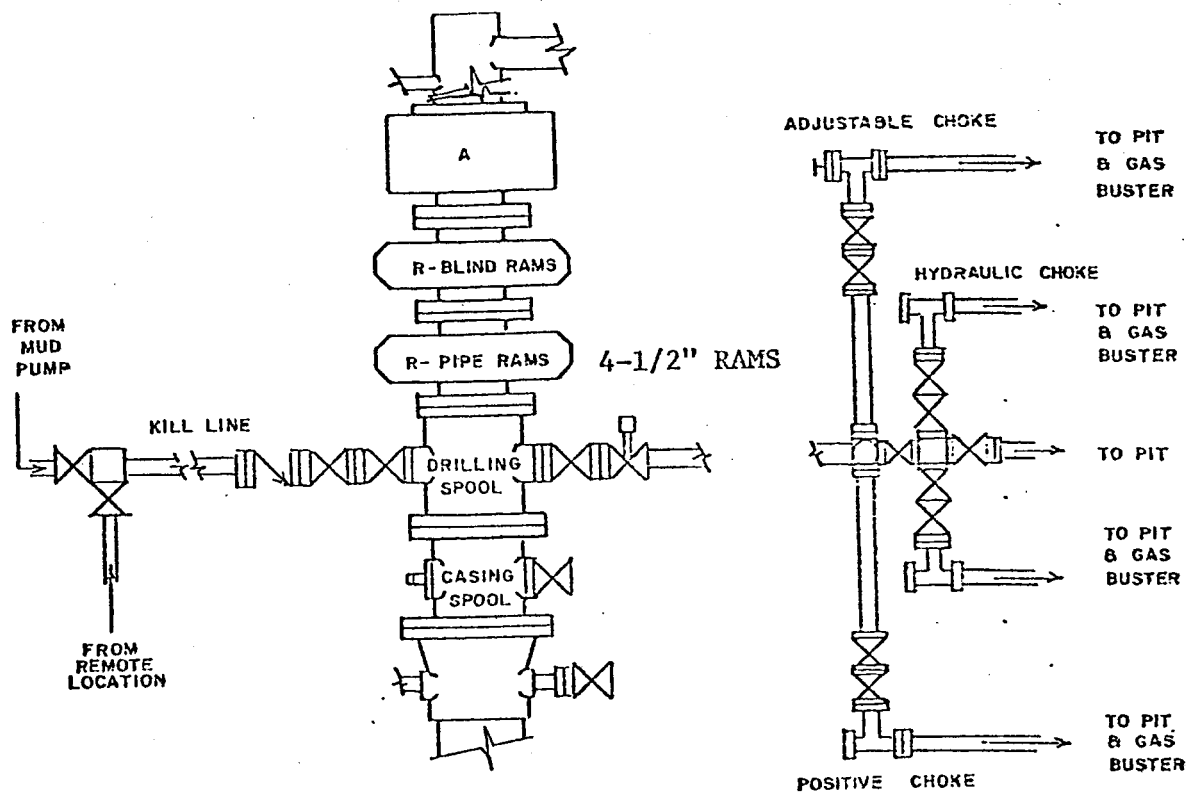






3000 psi

Working Pressure BOP's



### Test Procedure

- 1) Flush BOP's and all lines to be tested with water.
- 2) Run test plug on test joint and seat in casing head (leave valve below test plug open to check for leak).
- 3) Test the following to rated pressure:
  - a) inside blowout preventer
  - b) lower kelly cock
  - c) upper kelly cock
  - d) stand pipe valve
  - e) lines to mud pump
  - f) kill line to BOP's
- 4) Close and test pipe rams to rated pressure.
- 5) Close and test Hydril to rated pressure.
- 6) Back off and leave test plug in place. Close and test blind rams to rated pressure.
- 7) Test all choke manifold valves to rated pressure.
- 8) Test kill line valves to rated pressure.

### ESTIMATE SKETCH

DATE: 8 Aug 77  
STARTING DATE: \_\_\_\_\_  
EST. COMP. DATE: \_\_\_\_\_  
☐ COMPANY ☐ CONTRACT

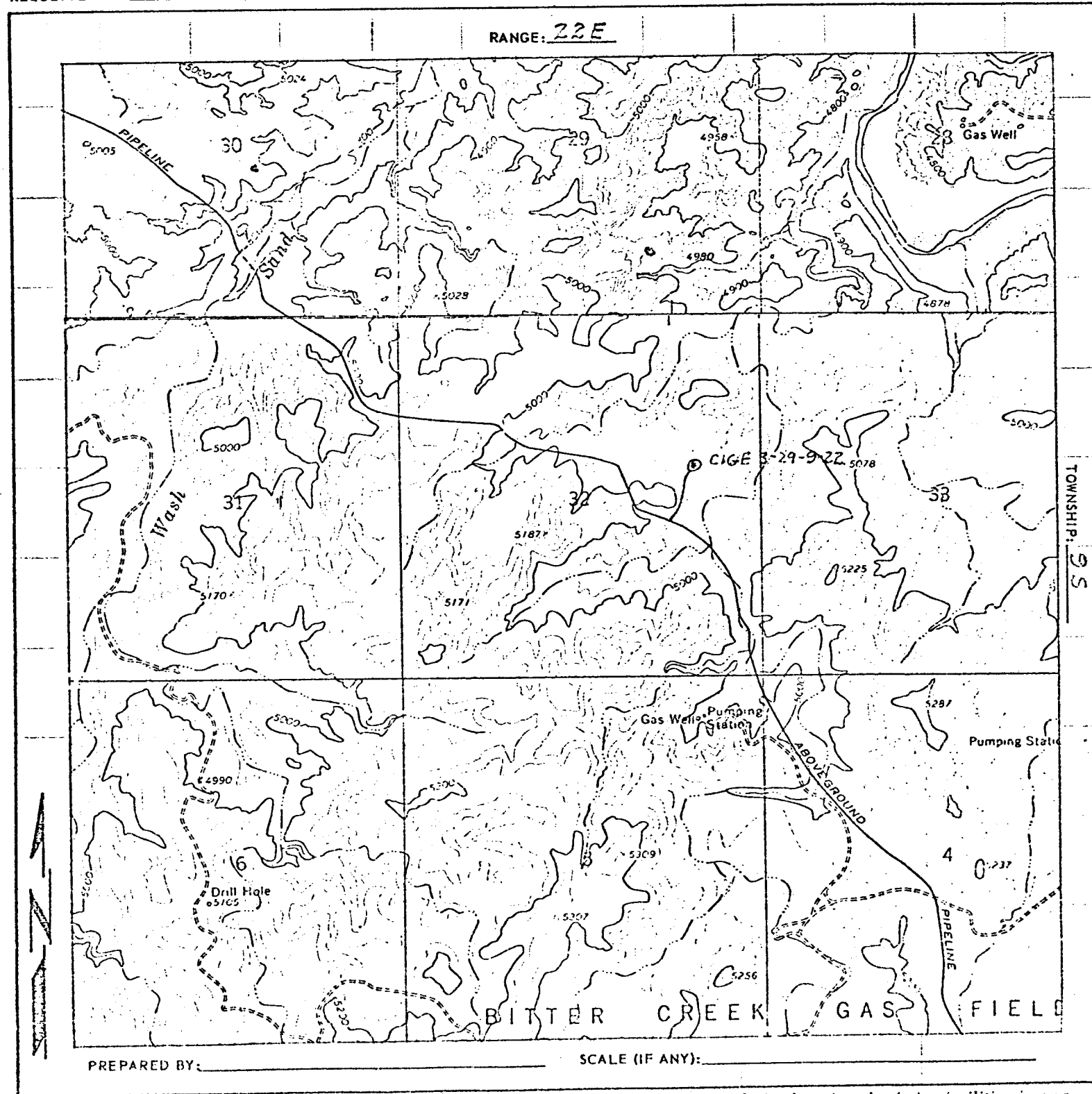
☐ COLORADO INTERSTATE GAS COMPANY  
☐ NORTHWEST PIPELINE CORPORATION

W. O. NO.: \_\_\_\_\_  
 REVISION NO.: \_\_\_\_\_  
 BUDGET NO.: \_\_\_\_\_  
 RELATED DWG.: \_\_\_\_\_

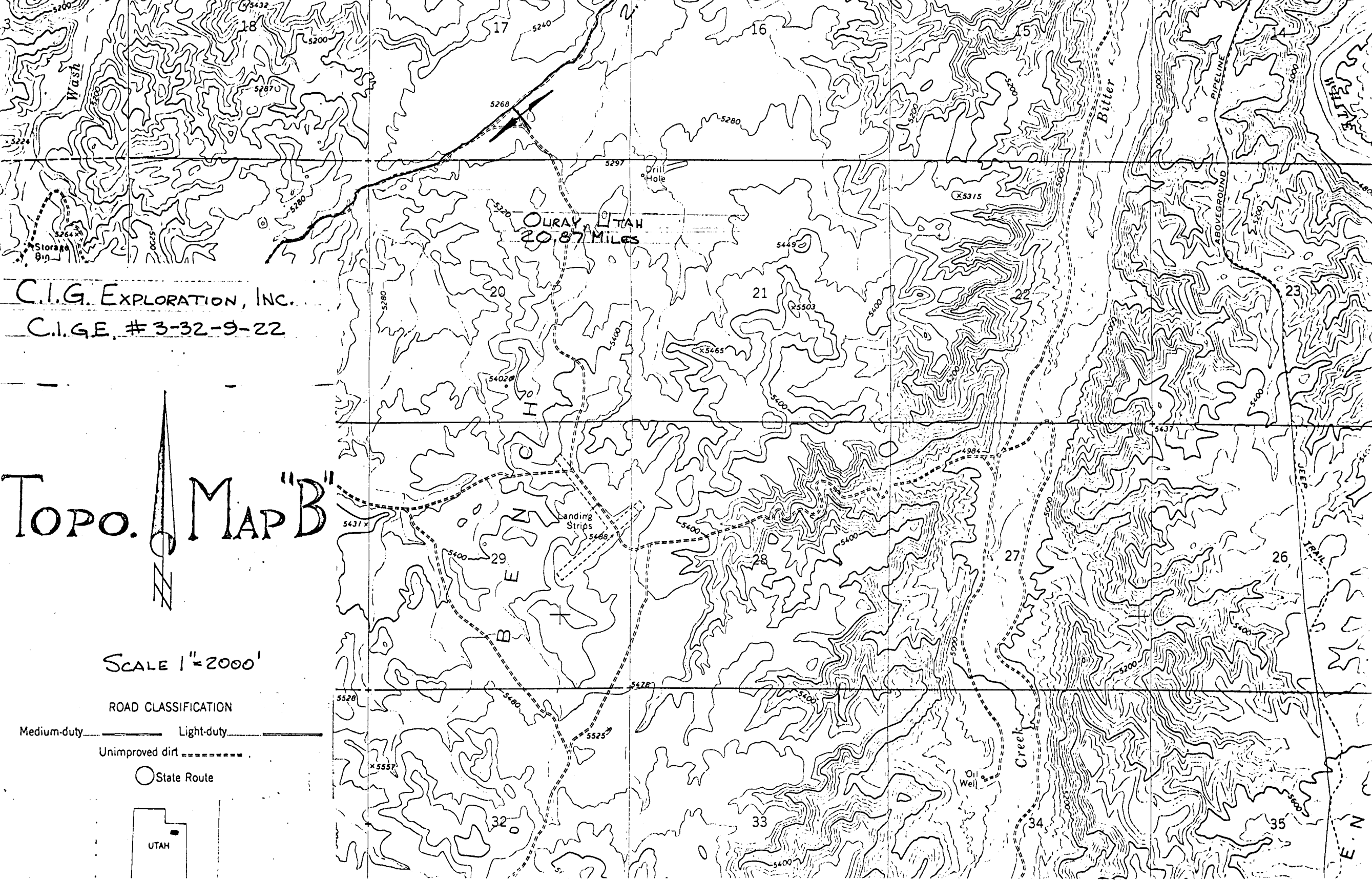
LOCATION: S22 T9S, R22E NATURAL BUTTES FIELD COUNTY: UINTAH STATE: UTAH  
DESCRIPTION OF WORK: \_\_\_\_\_

DESCRIPTION OF WORK: CONNECT C/GF 3-32-9-22

REQUESTED BY: \_\_\_\_\_ APPROXIMATE MILEAGE: 600' PROJECT ENGINEER: DDS



*Freehand sketch of location of proposed installation to be constructed or retired showing relative location of existing facilities in area.*

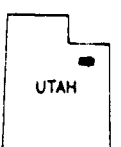


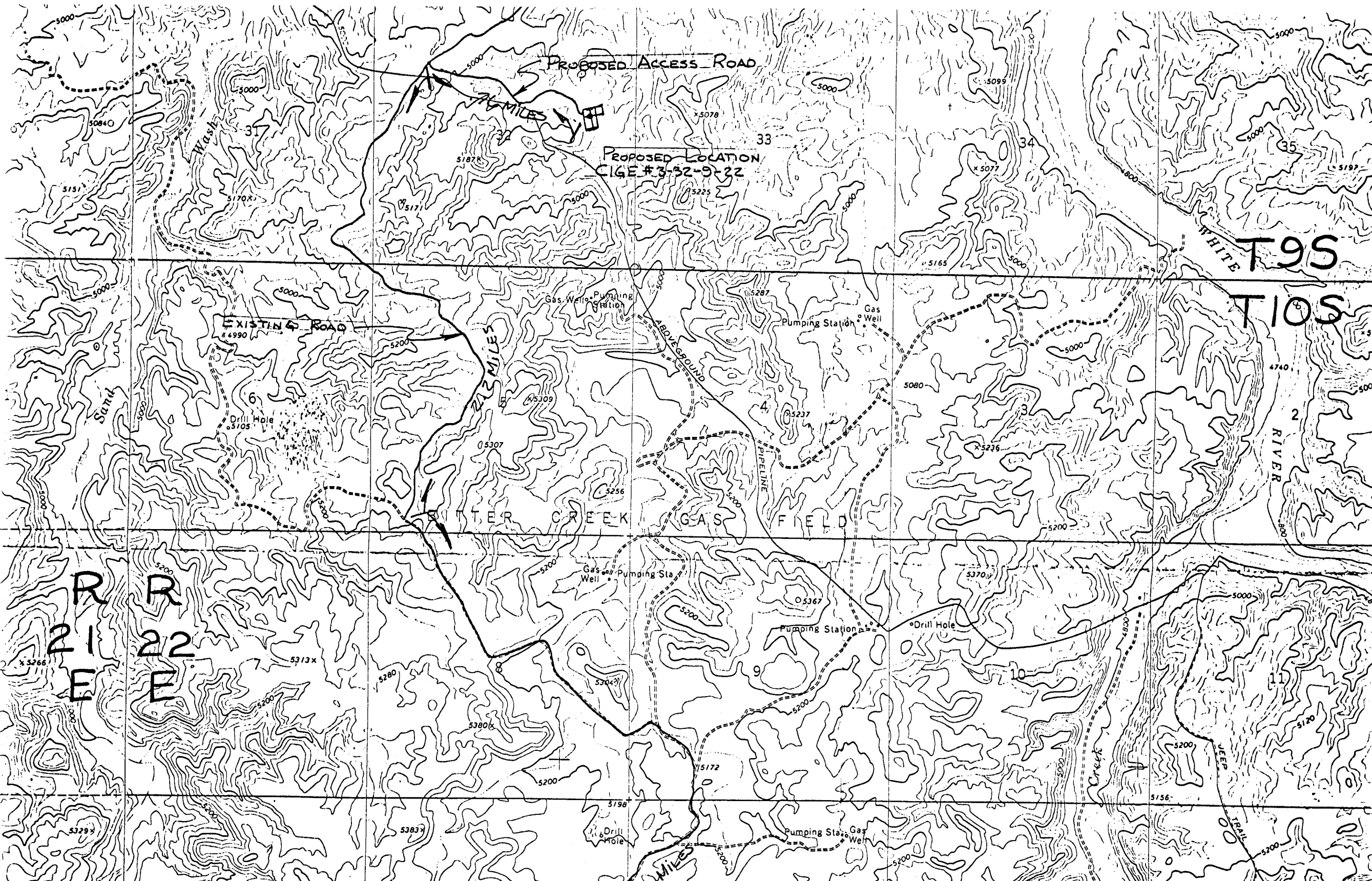
C.I.G. EXPLORATION, INC.  
C.I.G.E. # 3-32-9-22

# TOPO. MAP "B"

SCALE 1" = 2000'

ROAD CLASSIFICATION  
Medium-duty ——— Light-duty ———  
Unimproved dirt - - - - -  
○ State Route





PROPOSED ACCESS ROAD

PROPOSED LOCATION  
CIG #3-32-9-22

EXISTING ROAD

2.3 MILES

Gas Well Pumping Station

Pumping Station Gas Well

ABOVEGROUND

4

GAS FIELD

Gas Well Pumping Station

Pumping Station

Drill Hole

5380x

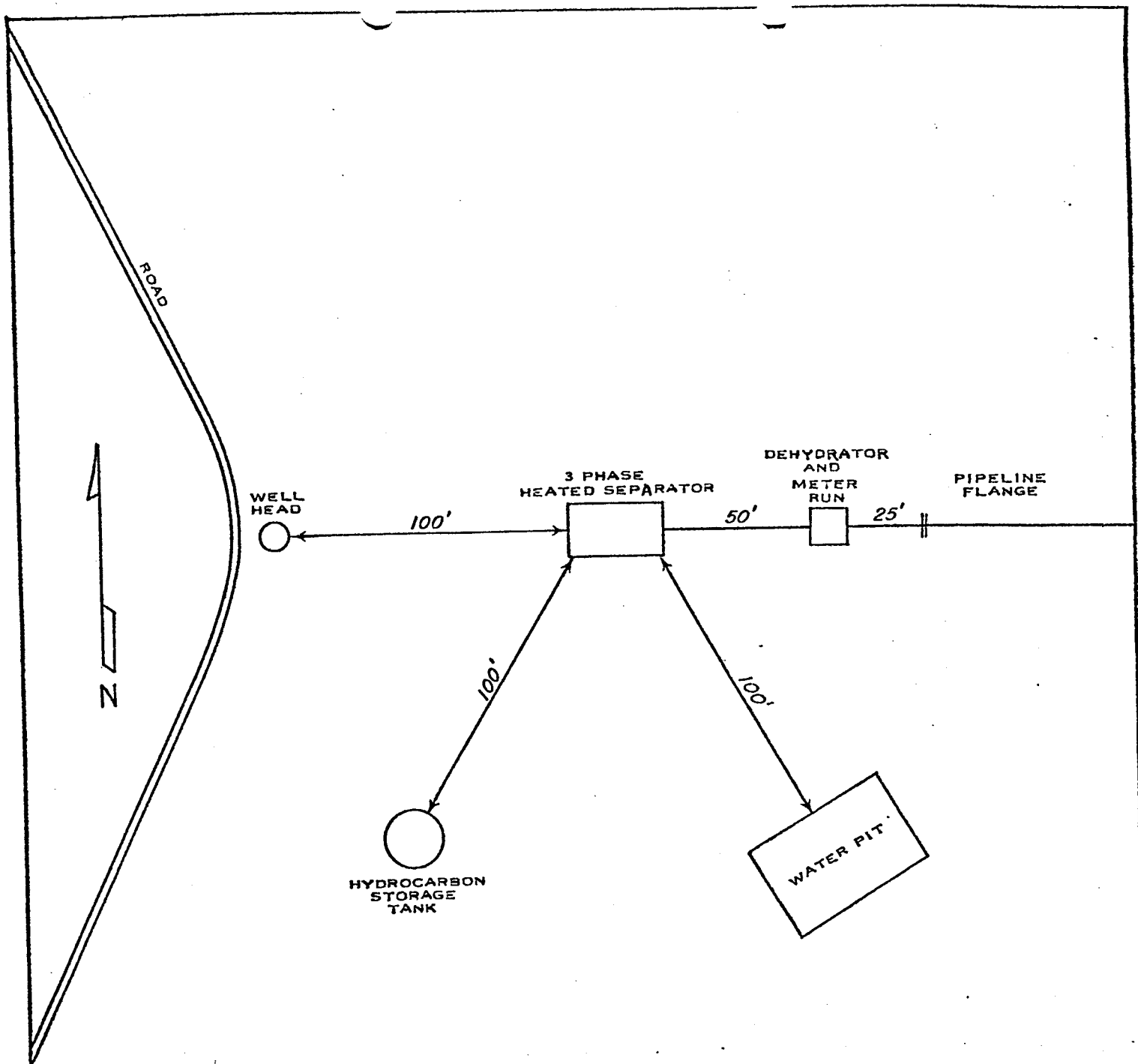
Drill Hole

Pumping Station Gas Well

T9S  
T10S

WHITE RIVER

R 21 E  
R 22 E



COLORADO INTERSTATE GAS EXPLORATION  
DENVER, COLORADO

CIGE 3-32-9-22  
SECTION 32, T9S, R22E  
UINTAH COUNTY, UTAH

PROPOSED GAS WELL PRODUCTION HOOKUP



PIPELINE TO BE ADEQUATELY ANCHORED  
TO PREVENT UNDUE MOVEMENT OR STRAIN  
TO EXISTING FACILITY. NUMBER AND SPACING  
OF ANCHORS TO BE DETERMINED IN FIELD.

FOR PIPE ANCHOR  
DETAIL SEE DWG.  
80FM3-4A

20'±

O.  
B.  
J.  
S.

EXIST. PIPELINE

ALTERNATE ANCHOR - BURY PIPELINE MIN. OF 18"

(TYP. FOR G.P.E. OR C.I.C.)

C.I.G.

OTHER

INSUL.

TYP. FOR CONN. TO M.F.S.

Colorado Interstate Gas Co.  
COLORADO SPRINGS, COLORADO

TYPICAL CONNECTION TO MAIN  
LINES AND PIPE ANCHOR  
DETAIL - NATURAL BUTTES FIELD

UINTA COUNTY,

UTAH

NO.	C.O. NO.	DESCRIPTION	DATE	BY	CHK.	APPR.
REVISIONS						

SCALE: NONE DRAWN: RWP APP: *AM*  
DATE: 7-7-77 CHECK: *AM* C.O. 23858

115FP-1 1/2



Statement for Permit to Lay Flow Line to be Included  
with Application for Drilling Permit -- CIGE 3-32-9-22

Upon approval of all concerned regulatory agencies, CIGE proposes to install a surface flow line from CIGE 3-32-9-22, in a southwesterly direction, to connect to Mountain Fuel Supply 6" line. The line will be 2½", welded construction, and will be approximately 600' long as shown on the accompanying sketches (3).

Some damage will be incurred by trucks transporting pipe and welding equipment over the pipeline route, but surface disturbance will be held to a minimum.

DDS 8/9/77

date: FEBRUARY 4, 1982

to: KARL ODEN

*interoffice correspondence*

from: W. J. GOODEN *WJG*

re: WATER SHUTOFF  
CIGE 3-32-9-22  
NATURAL BUTTES UNIT  
UINTAH COUNTY, UTAH

COMPLETION DATE: 1-15-78  
FIRST SALES: 2-15-78  
CUMULATIVE PRODUCTION: 444 MMCF (1-82)

Please arrange to shutoff water from perfs 4546' - 48' by setting a packer @ 4750'. Production from this well has declined from an initial 1,500 MCFD to 100 MCFD due to both depletion and water production. Based on open-hole log interpretation, the water is produced from perfs 4546' - 48'. Shutting off water production will improve production and prevent the well from logging off. If weather conditions permit, please obtain an accurate gauge of water production prior to running the packer by shutting in the water dump on the separator for 2 to 3 days and gauging the water in the condensate tank. Please repeat after well has been returned to production for 1 to 2 months.

WJG/ma

xc: Frank Midkiff  
Wendell Cole  
Guy Tomlinson

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS, AND MINING

## SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. <input type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NO. ML - 22649
2. NAME OF OPERATOR COASTAL OIL & GAS CORPORATION (FORMERLY GPE)		6. IF INDIAN, ALLOTTEE OR TRIBE NAME N/A
3. ADDRESS OF OPERATOR P. O. BOX 749, DENVER, CO 80201		7. UNIT AGREEMENT NAME NATURAL BUTTES UNIT
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 2270' FNL & 900' FEL		8. FARM OR LEASE NAME NATURAL BUTTES
14. PERMIT NO. 43-047-30320		9. WELL NO. CIGE 3-32-9-22
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 4997' Ungr. Gr.		10. FIELD AND POOL, OR WILDCAT NATURAL BUTTES FIELD
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA SECTION 32-T9S-R22E
		12. COUNTY OR PARISH UINTAH
		13. STATE UTAH

## 16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

## NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

☒

PULL OR ALTER CASING

☐

FRACTURE TREAT

☐

MULTIPLE COMPLETE

☐

SHOOT OR ACIDIZE

☐

ABANDON\*

☐

REPAIR WELL

☐

CHANGE PLANS

☐

(Other)

☐

## SUBSEQUENT REPORT OF:

WATER SHUT-OFF

☐

REPAIRING WELL

☐

FRACTURE TREATMENT

☐

ALTERING CASING

☐

SHOOTING OR ACIDIZING

☐

ABANDONMENT\*

☐

(Other)

☐

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

RECEIVED  
MAR 08 1982DIVISION OF  
OIL, GAS & MINING

18. I hereby certify that the foregoing is true and correct

SIGNED

*W. J. Gooden*  
W. J. GOODEN

TITLE PRODUCTION ENGINEER

DATE MARCH 4, 1982

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

**COLORADO INTERSTATE GAS COMPANY**

# WELL TEST DATA FORM

**STATE COPY**

[illegible]

**STATE COPY**

FIELD CODE 560-01-11			FIELD NAME NATURAL BUTTE, UT			OPERATOR CODE 2200			OPERATOR NAME CIS EXPLORATION INC			WELL NAME CIGE 3-32-9-22																	
WELL CODE 25343		SECT. 30		LOCATION TWN/BLK 9S		RGE/SUR. 22E		PANHANDLE/REDCAVE SEQ. NUMBER		FORMATION K-FACTOR		FLOW TEST SASATCH 54 FLOW TEST																	
WELL ON (OPEN)			DATE (COMP.)			ORIFICE SIZE		METER RUN SIZE		COEFFICIENT		GRAVITY (SEP.)		METER DIFF. RANGE		METER PRESSURE		DIFFERENTIAL ROOTS		METER TEMP.		WELL HEAD TEMP.		FLOWING TBG/CSG PRESSURE		STATIC TBG/CSG PRESSURE		FLOWING STATIC TUBING	
MO.	DAY	YR.	MO.	DAY	YR.	SIZE	SIZE																						
11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31-32	33-34	35-36	37-38	39-40	41-42	43-44	45-46	47-48	49-50	51-52	53-54	55-56	57-58	59-60	61-62	63-64	65-66	67-68	69-70
X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
WELL-OFF (SHUT-IN)			PRESSURE TAKEN			DATE		CASING PRESSURE (PSIG)		TUBING PRESSURE (PSIG)		SLOPE		EFFECTIVE DIAMETER		EFFECTIVE LENGTH		GRAVITY (RAW GAS)		EST CSG PRESS		EST TBG PRESS		TO THE BEST OF MY KNOWLEDGE THE ABOVE DATA IS CORRECT.					
MO.	DAY	YR.	MO.	DAY	YR.																								
11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31-32	33-34	35-36	37-38	39-40	41-42	43-44	45-46	47-48	49-50	51-52	53-54	55-56							
X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	E	E						
			09/28/82			00010.0		00945.0				627		1.095		5209													
METER STAMP 25343 00625			REMARKS 08/21/82 Temp. Disconnect - Well won't produce Product LINE PRESS - 547										REQUEST																

## COLORADO INTERSTATE GAS COMPANY

## WELL TEST DATA FORM

STATE COPY

FIELD CODE 560-01-11			FIELD NAME NATURAL BUTTES			OPERATOR CODE 2200		OPERATOR NAME CIG EXPLORATION INC			WELL NAME CIGE 3-32-9-22																											
WELL CODE 25343		LOCATION SECT. 32 TOWNSHIP/BLK 9S 22E		PANHANDLE/REDCAVE SEQ. NUMBER K-FACTOR		FORMATION WASATCH SA FLOW TEST																																
WELL ON (OPEN)			DATE (COMP.)			ORIFICE SIZE		METER RUN SIZE		COEFFICIENT		GRAVITY (SEP.)		METER DIFF. RANGE		METER PRESSURE		DIFFERENTIAL ROOTS		METER TEMP.		WELL HEAD TEMP.		FLOWING TBG/CSG PRESSURE		STATIC TSG/CSG PRESSURE		FLOWING TSG/CSG PRESSURE		FLOWING TSG/CSG PRESSURE								
MO.	DAY	YR.	MO.	DAY	YR.	MO.	DAY	YR.	MO.	DAY	YR.	MO.	DAY	YR.	MO.	DAY	YR.	MO.	DAY	YR.	MO.	DAY	YR.	MO.	DAY	YR.	MO.	DAY	YR.	MO.	DAY	YR.	MO.	DAY	YR.			
11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46			
X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			
09	22	81	09	29	81	00	625	2	067						0.612	1.00	00703.0	0120	080	080	00800	00820.0	X															
WELL OFF (SHUT-IN)			PRESSURE TAKEN			DATE			SHUT-IN TEST			SLOPE		EFFECTIVE DIAMETER		EFFECTIVE LENGTH		GRAVITY (RAW GAS)		EST CSG PRESS		EST TBG PRESS		TO THE BEST OF MY KNOWLEDGE THE ABOVE DATA IS CORRECT.														
MO.	DAY	YR.	MO.	DAY	YR.	MO.	DAY	YR.	MO.	DAY	YR.	MO.	DAY	YR.	MO.	DAY	YR.	MO.	DAY	YR.	MO.	DAY	YR.	MO.	DAY	YR.	MO.	DAY	YR.	MO.	DAY	YR.	MO.	DAY	YR.	MO.	DAY	YR.
11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46			
X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			
06	15	81	06	23	81	01000.0	0	00500.0							627	1	9950	5209																				
METER STAMP			25343			00625			REMARKS:																													

CIG: M. C. Kennedy

OPERATOR: \_\_\_\_\_

COMMISSION: \_\_\_\_\_

## COLORADO INTERSTATE GAS COMPANY

## WELL TEST DATA FORM

STATE COPY

FIELD CODE 9-11-11		FIELD NAME NATURAL BUTTES		OPERATOR CODE 2250		OPERATOR NAME CIG EXPLORATION INC.		WELL NAME CIG 9-32-11-22	
WELL CODE 25343		SECT. 33		LOCATION TWP/BLK 9S 22E		PANHANDLE/REDEAVE SEQ. NUMBER K-FACTOR		FORMATION JACATCH SA FLOW TEST	

WELL ON (OPEN)										FLOW TEST																					
DATE (COMP.)			ORIFICE SIZE		METER RUN SIZE		COEFFICIENT		GRAVITY (SEP.)		METER DIFF. RANGE		METER PRESSURE		DIFFERENTIAL ROOTS		METER TEMP.		WELL HEAD TEMP.		FLOWING TBG/GGS PRESSURE		STATIC TBG/CSG PRESSURE		FLOWING STRING TUBING		CASING				
MO.	DAY	YR.	MO.	DAY	YR.																										
11	12	80	11	15	80	2021	22	23	27	28	32	33	38	39	42	43	45	46	51	52	55	56	58	59	61	62	67	68	73	74	75
X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
08/25/80			08/22/80		00750		2.667		0.607		1.00		00508.0		03.20		10.4		00630.0		00405.0		X		X		X		X		

SHUT-IN TEST										SLOPE		EFFECTIVE DIAMETER		EFFECTIVE LENGTH		GRAVITY (RAW GAS)		EST CSG PRESS		EST TBG PRESS		TO THE BEST OF MY KNOWLEDGE THE ABOVE DATA IS CORRECT.	
DATE			CASING PRESSURE (PSIG)		TUBING PRESSURE (PSIG)																		
MO.	DAY	YR.	MO.	DAY	YR.	MO.	DAY	YR.															
11	12	80	11	15	80	23	28	29	34	35	38	39	44	45	49	50	53	54	55				
X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	E	E			
08/15/80			00862.0		00862.0		62.4		1.9970		52.00												

25343		00750		REMARKS:	
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FORM CIG 4896-7/73

## COLORADO INTERSTATE GAS COMPANY

## WELL TEST DATA FORM

STATE COPY

FIELD CODE -11		FIELD NAME NATURAL BUTTES AREA				OPERATOR CODE 2200		OPERATOR NAME CIG EXPLORATION INC				WELL NAME CIG 1-32-9-20																							
WELL CODE 25343		LOCATION SECT. TOWNSHIP/BLK 30 22E		PANHANDLE/REDCAVE SEQ. NUMBER K-FACTOR		FORMATION WASATCH SA		FLOW TEST																											
WELL ON (OPEN)			DATE (COMP.)			ORIFICE SIZE		METER RUN SIZE		COEFFICIENT		GRAVITY (SEP.)		METER DIFF. RANGE		METER PRESSURE		DIFFERENTIAL ROOTS		METER TEMP.		WELL HEAD TEMP.		FLOWING TBG/CSG PRESSURE		STATIC TBG/CSG PRESSURE		FLOWING STRING TUBING CASING							
MO.	DAY	YR.	MO.	DAY	YR.																														
11	12	13	14	15	16	17	18	19	20	21	22	23	27	28	32	33	38	39	42	43	45	46	51	52	55	56	58	59	61	62	67	68	73	74	75
X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X

WELL-OFF (SHUT-IN)			PRESSURE TAKEN			DATE			SHUT-IN TEST		SLOPE		EFFECTIVE DIAMETER		EFFECTIVE LENGTH		GRAVITY (RAW GAS)		EST CSG PRESS		EST TBG PRESS		TO THE BEST OF MY KNOWLEDGE THE ABOVE DATA IS CORRECT.  CIG: _____ OPERATOR: _____ COMMISSION: _____			
MO.	DAY	YR.	MO.	DAY	YR.				CASING PRESSURE (PSIG)	TUBING PRESSURE (PSIG)																
12	12	13	14	15	16	17	18	19	20	21	22	23	28	29	34	35	38	39	44	45	49	50	53	54	55	
X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	

MET. STA.		25343		01000		REMARKS:	
-----------	--	-------	--	-------	--	----------	--



NATURAL BUTTES UNIT  
COASTAL OIL & GAS CORPORATED - OPERATED (COGC)  
COLORADO INTERSTATE GAS EXPLORATION - OPERATED (CIGE)

Natural Duck

COGC 1-22-9-20

COGC 2-22-9-20

Natural Buttes

COGC NBU (Ute Trail) #1W

COGC NBU (Ute Trail) #1MV

COGC NBU (Ute Trail) #7

COGC NBU (Ute Trail) #52X

COGC NBU (Ute Trail) #83X

COGC NBU (Ute Trail) #88X

COGC NBU #1

COGC NBU #3

COGC NBU #4

COGC NBU #6

COGC NBU #7

COGC NBU #8

COGC NBU #9

COGC NBU #10

COGC NBU #11

COGC NBU #12

COGC NBU #13

COGC NBU #14

COGC NBU #15

COGC NBU #16

COGC NBU #17

COGC NBU #18

COGC NBU #19

COGC NBU #20

COGC NBU #22

COGC NBU #23 N

COGC NBU #24 N2

COGC NBU #26

Highland (Coastal Operated)

NBU #27

NBU #27A

NBU #28

NBU #29

NBU #31

COGC NBU #32Y

COGC NBU #33Y

COGC NBU #35Y

COGC NBU #36Y

COGC NBU #37XP

COGC NBU #38 N2

COGC NBU #39 N

COGC NBU #41J

COGC NBU #43 N

COGC NBU #45 N

COGC NBU #46 N

RECEIVED  
FEB 14 1967

DIVISION OF  
OIL, GAS & MINING

COGC NBU #47 N2  
COGC NBU #48 N3  
COGC NBU #49 V  
COGC NBU #50 N2  
COGC NBU #51 J  
COGC NBU #52 J  
COGC NBU #53 N  
COGC NBU #54 N  
COGC NBU #56 N2  
COGC NBU #57 N  
COGC NBU #58 N2  
COGC NBU #62 N  
COGC NBU #63 N3  
COGC NBU #64 N3  
COGC NBU #65 N3  
COGC NBU #68 N2  
COGC NBU #69 N2  
COGC NBU #70 N3  
COGC NBU #72 N3  
COGC NBU #74 N3  
COGC NBU #75 N3  
COGC NBU #80 V  
COGC NBU #81 V  
COGC NBU #83 J  
COGC NBU #84 V  
COGC NBU #85 J  
COGC NBU #86 J  
COGC NBU #87 J  
COGC NBU #98 V

CIGE NBU #2-29-20-21  
CIGE NBU #3-32-9-22  
CIGE NBU #4-9-10-21  
CIGE NBU #5-31-9-22  
CIGE NBU #6-19-9-21  
CIGE NBU #7-8-10-21  
CIGE NBU #8-35-9-22  
CIGE NBU #9-36-9-22  
CIGE NBU #10-2-10-22  
CIGE NBU #11-14-9-20 (W)  
CIGE NBU #13-7-10-21  
CIGE NBU #14-9-10-22  
CIGE NBU #15-8-10-22  
CIGE NBU #16-20-10-22  
CIGE NBU #18-2-10-21  
CIGE NBU #19-16-9-21  
CIGE NBU #20-20-10-22  
CIGE NBU #21-15-10-22  
CIGE NBU #22-15-9-10  
CIGE NBU #23-7-10-22  
CIGE NBU #24-29-9-22  
CIGE NBU #25-34-9-22  
CIGE NBU #27-33-9-22  
CIGE NBU #28-35-9-21  
CIGE NBU #30-6-10-21  
CIGE NBU #31-1-10-22  
CIGE NBU #32A-20-9-20

95, 00E, 30 30300

CIGE NBU #33-27-10-21  
CIGE NBU #34-13-10-20  
CIGE NBU #35-1-10-20  
CIGE NBU #36D-32-9-22  
CIGE NBU #37D-21-9-21P  
CIGE NBU #38-4-10-21  
CIGE NBU #40-3-10-21  
CIGE NBU #41-12-10-21  
CIGE NBU #42-25-9-21  
CIGE NBU #43-14-10-22  
CIGE NBU #44-9-9-21  
CIGE NBU #45-15-9-21  
CIGE NBU #46-21-9-21  
CIGE NBU #47-14-10-21  
CIGE NBU #48-15-10-21  
CIGE NBU #49-22-10-21  
CIGE NBU #51D-31-9-22P  
CIGE NBU #52-5-10-22  
CIGE NBU #53-6-10-22  
CIGE NBU #54D-35-9-21  
CIGE NBU #55-1-10-21  
CIGE NBU #56-34-9-21  
CIGE NBU #57-10-10-21  
CIGE NBU #58-16-10-21  
CIGE NBU #59-21-10-21  
CIGE NBU #60-14-9-21  
CIGE NBU #61-13-9-21  
CIGE NBU #62D-36-9-22P  
CIGE NBU #63D-29-9-22P  
CIGE NBU #64D-33-9-22P  
CIGE NBU #65-19-10-22  
CIGE NBU #66-23-10-21  
CIGE NBU #67A-2-10-22P  
CIGE NBU #68D-35-9-22P  
CIGE NBU #69-19-10-21  
CIGE NBU #70-20-9-21  
CIGE NBU #71-7-9-21  
CIGE NBU #72-18-9-21  
CIGE NBU #73D-5-10-22P  
CIGE NBU #74D-6-10-22P  
CIGE NBU #75D-8-10-21P  
CIGE NBU #76D-9-10-21P  
CIGE NBU #77D-10-10-21P  
CIGE NBU #78C-16-9-21P  
CIGE NBU #79D-1-10-21P  
CIGE NBU #80D-2-10-21  
CIGE NBU #81D-4-10-21  
CIGE NBU #83D-7-10-22P  
CIGE NBU #84D-12-10-21P  
CIGE NBU #85D-29-10-21  
CIGE NBU #86D-16-9-21P  
CIGE NBU #87D-34-9-21P  
CIGE NBU #88D-15-10-21P  
CIGE NBU #89D-34-9-22J

CIGE NBU #90D-9-9-21J  
CIGE NBU #91D-15-9-21J  
CIGE NBU #92D-13-10-20J  
CIGE NBU #93D-2-10-21J  
CIGE NBU #94D-14-10-21J  
CIGE NBU #95D-14-10-21J  
CIGE NBU #99D-25-9-21J

COGC NBU #11-14-9-20

Bluebell (Coastal Operated)

Asay

Powell Fee #3

Powell Fee #4

Ute Tribal #1-31

Powell Fee #3 SWD

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE  
(Other instructions  
verse side)

Form approved.  
Budget Bureau No. 1004-0135  
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. <input type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NO. ML-22649	
2. NAME OF OPERATOR Coastal Oil & Gas Corporation		6. IF INDIAN, ALLOTTEE OR TRIBE NAME N/A	
3. ADDRESS OF OPERATOR P.O. Box 749, Denver, Colorado 80201-0749		7. UNIT AGREEMENT NAME Natural Buttes Unit	
4. LOCATION OF WELL (Report location clearly and in accordance with any State laws and regulations. See also space 17 below.) At surface 2270' FNL & 900' FEL		8. FARM OR LEASE NAME Natural Buttes	
14. PERMIT NO. 43-047-30320		9. WELL NO. CIGE 3-32-9-22	
15. ELEVATIONS (Show whether SP, HT, GR, etc.) 4997' UNGR, GR.		10. FIELD AND POOL, OR WILDCAT Natural Buttes Field	
		11. SEC., T., R., N., OR S.E. AND SURVEY OR AREA Section 32, T9S, R22E	
		12. COUNTY OR PARISH Uintah	13. STATE Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PLUG OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	(Other) <input type="checkbox"/>
(Other) Temporarily Abandoned <input checked="" type="checkbox"/>		(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Due to present economic conditions and current market rates, the decision has been made to shut this well in and classify it as temporarily abandoned. If conditions improve, we plan to return this well to a producing status.

18. I hereby certify that the foregoing is true and correct

SIGNED Brenda W. Swank  
Brenda W. Swank

TITLE Assoc. Regulatory Analyst

DATE 3/30/88

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_

TITLE \_\_\_\_\_

DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions on Reverse Side

Q16E 3

Sec 32, T9S, R22E

Khuly 1/10/89

N

○ wellhead



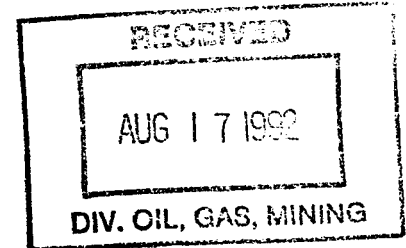
emergency pit



**Coastal Oil & Gas Corporation**  
A SUBSIDIARY OF THE COASTAL CORPORATION

The Energy People

AD VALOREM TAX  
August 13, 1992



Department of Natural Resources  
State of Utah  
Division of Oil, Gas and Mining  
355 West North Temple  
3 Triad Center, Suite 350  
Salt Lake City, Utah 84180-1203

Dear Sirs:

The Property Tax Division of the State of Utah has evaluated Coastal Oil & Gas Corporation's operated oil & gas properties for 1992. In their evaluation the Property Tax Division has included three leases that are operated by companies other than Coastal. The personnel at the Property Tax Division suggested that I contact your department to request changes which would then subsequently be reflected on their records. The three leases in question and the correct operator are as follows:

<u>API #</u>	<u>OPERATOR</u>
43-047-32010	Enron NBW 302-9E, 10S 21E Sec. 9
43-047-32014	Enron NBW 307-6E, 10S 21E Sec. 6
43-047-30320	CIG Exploration, Inc. CIG 2-32-9-22, 9S 27E Sec. 32

I have enclosed copies of Completion Notices and Sundry Notices which indicate official filings with the correct operator shown.

Please review this data and correct your records accordingly. If you have any questions, please do not hesitate to contact me. Thank you for your cooperation.

Sincerely,

*Randolph F. Hiriart*

Randolph F. Hiriart  
Supervisor

RFH:mr

*X 920828 This is not an operator change. Refer to Natural Buttes Unit Agreement. Spoke with Robert Platt / Tax Commission, he will explain assessments issued to Coastal, referred Mr. Hiriart to Tax Comm. / Robert Platt.*

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

# SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.  
Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

1. Type of Well: OIL ☒ GAS ☐ OTHER:

2. Name of Operator:

Coastal Oil & Gas Corporation

3. Address and Telephone Number:

P. O. Box 749, Denver, CO 80201-0749 (303) 573-4476

4. Location of Well

Footages: 2270' FNL & 900' FEL

QQ, Sec., T., R., M.: SE/NE Sec. 32, T9S-R22E

5. Lease Designation and Serial Number:

ML-22649

6. If Indian, Allottee or Tribe Name:

N/A

7. Unit Agreement Name:

Natural Buttes Unit

8. Well Name and Number:

CIGE 3-32-9-22

9. API Well Number:

43-047-30320

10. Field and Pool, or Wildcat:

Natural Buttes

County: Uintah

State: Utah

## 11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

### NOTICE OF INTENT (Submit in Duplicate)

- |  |   |
|--|---|
| <input type="checkbox"/> Abandonment             | <input type="checkbox"/> New Construction     |
| <input type="checkbox"/> Casing Repair           | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans         | <input type="checkbox"/> Recompletion         |
| <input type="checkbox"/> Conversion to Injection | <input type="checkbox"/> Shoot or Acidize     |
| <input type="checkbox"/> Fracture Treat          | <input type="checkbox"/> Vent or Flare        |
| <input type="checkbox"/> Multiple Completion     | <input type="checkbox"/> Water Shut-Off       |
| <input type="checkbox"/> Other _____             |   |

Approximate date work will start \_\_\_\_\_

### SUBSEQUENT REPORT (Submit Original Form Only)

- |  |   |
|--|---|
| <input type="checkbox"/> Abandonment *                         | <input type="checkbox"/> New Construction     |
| <input type="checkbox"/> Casing Repair                         | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans                       | <input type="checkbox"/> Shoot or Acidize     |
| <input type="checkbox"/> Conversion to Injection               | <input type="checkbox"/> Vent or Flare        |
| <input type="checkbox"/> Fracture Treat                        | <input type="checkbox"/> Water Shut-Off       |
| <input checked="" type="checkbox"/> Other Annual Status Report |   |

Date of work completion \_\_\_\_\_

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.

\* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

The above referenced well is shut in as it is uneconomical to produce. There are no plans at this time to workover or recomplete.

**RECEIVED**

FEB 16 1993

DIVISION OF  
OIL, GAS & MINING

13.

Name & Signature:

Eileen Danni Day

Title: Regulatory Analyst

Date: 2/12/93

(This space for State use only)



STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.  
Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

5. Lease Designation and Serial Number:

ML-22649

6. If Indian, Allottee or Tribe Name:

N/A

7. Unit Agreement Name:

Natural Buttes Unit

8. Well Name and Number:

CIGE #3-32-9-22

9. API Well Number:

43-047-30320

10. Field and Pool, or Wildcat:

Natural Buttes

1. Type of Well:

OIL ☐ GAS ☒ OTHER:

2. Name of Operator:

Coastal Oil & Gas Corporation

3. Address and Telephone Number:

P.O. Box 749, Denver, CO 80201-0749

(303) 573-4455

4. Location of Well

Footages: 2270' FNL & 900' FEL

County: Uintah

QQ, Sec., T., R., M.: SE/NE Section 32-T9S-R22E

State: Utah

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

**NOTICE OF INTENT**

(Submit in Duplicate)

- |  |   |
|--|---|
| <input type="checkbox"/> Abandon   | <input type="checkbox"/> New Construction     |
| <input type="checkbox"/> Repair Casing   | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans   | <input type="checkbox"/> Recompletion         |
| <input type="checkbox"/> Convert to Injection  | <input checked="" type="checkbox"/> Perforate |
| <input type="checkbox"/> Fracture Treat or Acidize                                     | <input type="checkbox"/> Vent or Flare        |
| <input type="checkbox"/> Multiple Completion   | <input type="checkbox"/> Water Shut-Off       |
| <input checked="" type="checkbox"/> Other CO, Lwr Tbg & Install Plunger Lift Equipment |   |

Approximate date work will start Upon Approval

**SUBSEQUENT REPORT**

(Submit Original Form Only)

- |  |   |
|--|---|
| <input type="checkbox"/> Abandon *                 | <input type="checkbox"/> New Construction     |
| <input type="checkbox"/> Repair Casing             | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans           | <input type="checkbox"/> Perforate            |
| <input type="checkbox"/> Convert to Injection      | <input type="checkbox"/> Vent or Flare        |
| <input type="checkbox"/> Fracture Treat or Acidize | <input type="checkbox"/> Water Shut-Off       |
| <input type="checkbox"/> Other                     |   |

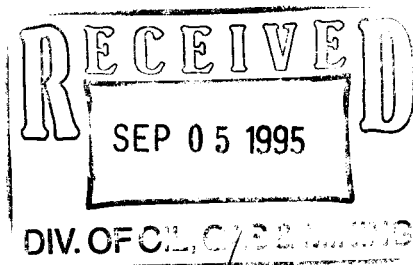
Date of work completion

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.

\* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Please see the attached workover procedure for work to performed on the subject well.



13.

Name & Signature:

*Sheila Bremer*

Sheila Bremer

Title: Environmental & Safety Analyst Date: 08/31/95

(This space for State use only)

APPROVED BY THE STATE  
OF UTAH DIVISION OF  
OIL, GAS AND MINING

DATE: 9/6/95

BY: *[Signature]*

**CIGE #3**  
Natural Buttes Field  
Section 32-T9S-R22E

**WELL DATA:**

Location: 2270' FNL 900 FEL Sec. 32-T9S-R22E  
Elevation: 4997' GR, 5009' KB  
Total Depth: 5800', PBTD 5769' (1/77), 5647' (2/82)  
Casing: 9-5/8" 36# K-55 @ 230' w/150 sx  
4-1/2" 11.6# N-80 @ 5801' w/1180 sx  
Tubing: 2-3/8" 4.7# J-55 @ 4748'  
Formation: Wastach (4546'-5662' 16 holes)  
Working Interest: 100% COGC

**PROCEDURE:**

1. MI & RU. Kill well w/3% KCl water. ND WH. NU BOP.
2. RU Coil Tubing Unit. RIH inside 2-3/8" tbg to clean out to PBTD 5769'.
3. TOOH w/2-3/8" tubing & R-3 pkr. LD R-3 pkr.
4. RU & perforate Wasatch w/3-1/8" casing gun (4 JSPF). Perforate from FDC-CNL log (12/77):

4818	4954	5456
4819	4956	5647
4820	4965	5649
	4967	5660
	5455	5662

5. RIH w/2-3/8" tubing to 5670' (new EOT). Swab & flow well to clean up.
6. Install plunger stop via WL. ND BOP. NU WH. RD & MO. Complete plunger lift installation.
7. Install surface production unit, tank and reconnect gas pipeline.
6. After returning well to sales line, obtain rates and pressures.



Well C/6E 3 32-9-22

Location 2270' FNL 900' FEL Sec 32 T9S R22E

KB. 5009' GR. 4997'

9 5/8" OD 36 LB. K-55 CSG. w/ 150 SK Cuss's

TOC @ Circulated to Surf

9 5/8" @

230

4 1/2" OD 11.6 LB. N-80 CSG. w/ 1180 SK

TOC @ Surf

2 3/8" 4.7" J-55 @ 4748'

T/  
Wash  
4420

4546  
4548 3 holes

(2/82) <sup>WLS</sup> TR P810 @ 5247' CO TO 4766. Set R-3 P810 @ 4748'. AFTER WSO behind P810

IPF 200 MCF 28 BW on 16/16" CHK FCP 200"  
Watch (4818-5456) MID P810 5137

(4/82) BIPS 938" @ 5137 3FL @ 5000'

(10/83) T.A.

R-3  
P810 @ 4748'

4818  
4821 3 holes

4954  
4956  
4965  
4967 4 holes

3FL 5300

5454  
5456 2 holes

545  
ALSTN

5647  
5649 2 holes

5660  
5662 2 holes

(12/77) P810 (155PP) w/ 2 3/8" casing gun (4546-5662) mid peak 5104  
4546, 4547, 4548, 4818-4819, 4820, 4954, 4956 16 holes  
4965, 4967, 5454, 5456, 5647, 5649, 5660, 5662

ACIDIZE w/ 2600g 15% MSR + 52 BS

FRAC w/ 45,000# 100 mesh + 185,000# 20/40 sand + 123,000g GEL

IPF (2/78) 1906 MCF 43 BW on 17/16" CHK FCP 1250"  
SICP 2400"

CRG P810 5769'

4 1/2" @

5801

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

## SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.

Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

5. Lease Designation and Serial Number:

ML-22649

6. If Indian, Allottee or Tribe Name:

N/A

7. Unit Agreement Name:

Natural Buttes Unit

8. Well Name and Number:

CIGE 3-32-9-22

9. API Well Number:

43-047-30320

10. Field and Pool, or Wildcat:

Natural Buttes

1. Type of Well:

OIL ☐ GAS ☒ OTHER:

2. Name of Operator:

Coastal Oil &amp; Gas Corporation

3. Address and Telephone Number:

P.O. Box 749, Denver, CO 80201-0749

(303) 573-4476

4. Location of Well

Footages: 2270' FNL &amp; 900' FEL

County: Uinrah

QQ, Sec., T., R., M.: SE/NE Section 32, 9S-R22E

State: Utah

## 11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

## NOTICE OF INTENT

(Submit in Duplicate)

- |  |   |
|--|---|
| <input type="checkbox"/> Abandon                   | <input type="checkbox"/> New Construction     |
| <input type="checkbox"/> Repair Casing             | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans           | <input type="checkbox"/> Recompletion         |
| <input type="checkbox"/> Convert to Injection      | <input type="checkbox"/> Perforate            |
| <input type="checkbox"/> Fracture Treat or Acidize | <input type="checkbox"/> Vent or Flare        |
| <input type="checkbox"/> Multiple Completion       | <input type="checkbox"/> Water Shut-Off       |
| <input type="checkbox"/> Other _____               |   |

Approximate date work will start \_\_\_\_\_

## SUBSEQUENT REPORT

(Submit Original Form Only)

- |   |   |
|---|---|
| <input type="checkbox"/> Abandon *                          | <input type="checkbox"/> New Construction     |
| <input type="checkbox"/> Repair Casing                      | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans                    | <input type="checkbox"/> Perforate            |
| <input type="checkbox"/> Convert to Injection               | <input type="checkbox"/> Vent or Flare        |
| <input type="checkbox"/> Fracture Treat or Acidize          | <input type="checkbox"/> Water Shut-Off       |
| <input checked="" type="checkbox"/> Other Resume production |   |

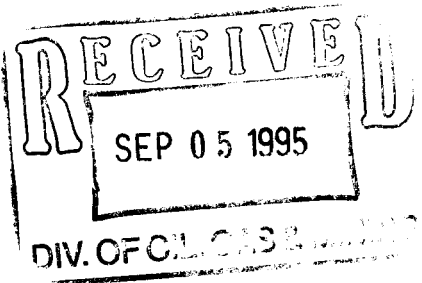
Date of work completion 8/30/95

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.

\* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

The referenced well resumed production on 8/30/95.



13.

Name &amp; Signature:

Boonnie Johnston

Title: Senior Environmental Analyst

Date: 08/31/95

(This space for State use only)

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

5. Lease Designation and Serial Number:

ML-22649

6. If Indian, Allottee or Tribe Name:

N/A

## SUNDRY NOTICES AND REPORTS ON WELLS

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Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

7. Unit Agreement Name:

Natural Buttes Unit

8. Well Name and Number:

CIGE #3-32-9-22

9. API Well Number:

43-047-30320

10. Field and Pool, or Wildcat:

Natural Buttes

1. Type of Well:

OIL ☐GAS ☒

OTHER:

2. Name of Operator:

Coastal Oil &amp; Gas Corporation

3. Address and Telephone Number:

P.O. Box 749, Denver, CO 80201-0749

(303) 573-4455

4. Location of Well

Footages:

2270' FNL &amp; 900' FEL

County:

Uintah

QQ, Sec., T., R., M.:

SE/NE Section 32-T9S-R22E

State:

Utah

11.

### CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

#### NOTICE OF INTENT

(Submit In Duplicate)

☐ Abandon☐ Repair Casing☐ Change of Plans☐ Convert to Injection☒ Fracture Treat or Acidize☐ Multiple Completion☒ Other CO, Install Plunger Lift Equipment☐ New Construction☐ Pull or Alter Casing☐ Recompletion☒ Perforate☐ Vent or Flare☐ Water Shut-Off

Approximate date work will start

Upon Approval

#### SUBSEQUENT REPORT

(Submit Original Form Only)

☐ Abandon \*☐ Repair Casing☐ Change of Plans☐ Convert to Injection☐ Fracture Treat or Acidize☐ Other☐ New Construction☐ Pull or Alter Casing☐ Perforate☐ Vent or Flare☐ Water Shut-Off

Date of work completion

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.

\* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Please see the attached workover procedure for work to be performed on the subject well.

13.

Name &amp; Signature:

Bonnie Carson

Title: Senior Environmental Analyst

Date

03/29/96

(This space for State use only)

*Matthew Petroleum Engineer*

*4/3/96*

## WORKOVER PROCEDURE

### **CIGE 3**

SE/4 NE/4 Section 32-9S-22E  
Uintah County, UT

March 6, 1996

ELEVATION: 4997' GL; 5009' KB  
TOTAL DEPTH: 5800' PBTD: 5769' (5448' 1995 SLM)  
CASING: 9-5/8", 36#, K-55 ST&C set @ 230'  
4-1/2", 11.6#, N-80 set @ 5800'  
TUBING: 2-3/8", 4.7#, N-80 set @ 4748' w/R-3 pkr  
PERFORATIONS: 4546-5662' 16 holes (Wasatch)

### **PROCEDURE:**

Current 14 day rate: 229 MCFD on 20/64" chk w/280# TP, 400# CP. (3/4/96)  
Note: S/L survey indicates PBTD @ 5448' w/flowing fluid level @ 4800'

- 1) MIRU pulling unit. Control well w/2% KCl water. ND WH, NU BOP's. PU and unset R-3 pkr @ 4748'. POOH. If the packer is stuck or casing damage is confirmed, call Denver office to consider the alternate procedure below.
- 2) CO from 5448-5769' (302'). If possible, schedule clean-out using Weatherford's air-foam unit. Otherwise, CO w/bailers.
- 3) RU & perforate the following Wasatch depths w/3-1/8" guns loaded 4 spf (17' 68 holes). Depths correlate to CNL/FDC log run 12/17/77:

5662'	5660'	5649'	5647'	5455'	5449'
5254'	5251'	5244'	4967'	4965'	4956'
4954'	4822'	4820'	4818'		

NOTE: The italicized depths at 5254', 5251', and 5244' are new perforations (Sw=50-60%). Omitted reperforing the top zone 4546-48'.

- 4) PU 4-1/2" HD pkr. Hydrotest tubing in hole ( $\pm 5000$  psi) or PU a workstring if tbg is too rough to test. TIH to 5662' and spot 500 gal 15% HCl across perforations w/corrosion inhibitor, iron control, clay stabilizer and Champion T-155 at 5 gal/1000 and DP 104 at 5 gal/1000. PU 1200' and set packer @  $\pm 4700'$ .
- 5) Pump 2500 gal 15% HCl w/additives as above. Drop 120 ball sealers throughout. Displace acid with 20 bbls 2% KCl water. Pump at maximum rate but limit injection pressure to  $\pm 3000$  psi.
- 6) Swab back acid load. Note pH of each swab run on report.
- 7) Unset pkr and continue to swab and flow well. Any increase in water or decrease in gas rate will require isolation of the zone at 4546-48'. Call Denver office to discuss results. POOH. LD pkr.
- 8) TIH w/tubing. Depending on results of step 7, include a packer with the production tubing to be set at 4600'. Land the end of tubing at 5665'. ND BOP's/ NU tree. RDMO pulling unit.
- 9) Swab well in and complete plunger lift installation.

### **Alternate Procedure (If packer cannot be retrieved)**

- 1) RDMO pulling unit.
- 2) RU 1-1/4" CTU. TIH w/wash tool and clean-out to PBTD @ 5769'. RD CTU.
- 3) Flow well 7-10 days and note incremental rate.
- 4) RU W/L and perforate depths 4818-5662' per the above schedule with 1-11/16" strip-jet guns loaded 4 spf 0° phasing, magnetically centralized (10.5g charges, 0.39" diam, 10.51 penetration).
- 5) Flow well and note incremental rate.
- 6) Install PLE or run siphon string to dewater the well.

TWJ

PRODUCING STATUS: T-A  
WELLHEAD WORKING PRESSURE: \_\_\_\_\_

KB ELEVATION: \_\_\_\_\_

FORM. TOPS

**DOWNGOLE SCHEMATIC**

LEASE: NBU  
WELL # CLGE 3-32-9-22  
FIELD: NBU  
LOCATION: Sec 32-9-22  
COUNTY/STATE: Clinton  
Utah  
TD: 5800  
PBTD: 5262  
PERFS: 4546-5662  
16 holes  
PROD. FORM(S): unseal  
DATE: 8-2-95 BY: NJR

ITEM, QUANTITY, DEPTHS, GRADE, WEIGHT, CPLG, Etc.	O.D.	I.D.
HOLE SIZE: <u>12 1/4"</u>		
SURFACE CASING: O.D. <u>9 5/8"</u> , WEIGHT(S) <u>32</u> # GRADE(S) <u>K-55</u> , CPLG <u>8rd</u> SET AT <u>230'</u> W/ <u>150 SX</u>		
HOLE SIZE: <u>7 7/8"</u>		
<u>2 3/4" 4.7 J 55 ft</u> <u>w/ Baker R-3 packer set</u> <u>@ 4748 w/ 12000# Compression</u>		
<u>4 1/2" 11.6# Set @ 5801 w/ 630 sy</u>		
perfs : 15pf 4546-48 4818-22 4954-56 4965-67 5454-56 5647-49 5660-62		

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

## SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.  
Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

1. Type of Well: OIL <input type="checkbox"/> GAS <input checked="" type="checkbox"/> OTHER: _____	5. Lease Designation and Serial Number: ML-22649
2. Name of Operator: Coastal Oil & Gas Corporation	6. If Indian, Allottee or Tribe Name: N/A
3. Address and Telephone Number: P.O. Box 749, Denver, CO 80201-0749 (303) 573-4455	7. Unit Agreement Name: Natural Buttes Unit
4. Location of Well Footages: 2270' FNL & 900' FEL QQ, Sec., T., R., M.: SE/NE Section 32-T9S-R22E	8. Well Name and Number: CIGE #3-32-9-22  9. API Well Number: 43-047-30320  10. Field and Pool, or Wildcat: Natural Buttes  County: Uintah State: Utah

### 11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

#### NOTICE OF INTENT (Submit in Duplicate)

- |  |   |
|--|---|
| <input type="checkbox"/> Abandon                   | <input type="checkbox"/> New Construction     |
| <input type="checkbox"/> Repair Casing             | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans           | <input type="checkbox"/> Recompletion         |
| <input type="checkbox"/> Convert to Injection      | <input type="checkbox"/> Perforate            |
| <input type="checkbox"/> Fracture Treat or Acidize | <input type="checkbox"/> Vent or Flare        |
| <input type="checkbox"/> Multiple Completion       | <input type="checkbox"/> Water Shut-Off       |
| <input type="checkbox"/> Other _____               |   |

Approximate date work will start \_\_\_\_\_

#### SUBSEQUENT REPORT (Submit Original Form Only)

- |  |   |
|--|---|
| <input type="checkbox"/> Abandon *   | <input type="checkbox"/> New Construction     |
| <input type="checkbox"/> Repair Casing                                       | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans                                     | <input checked="" type="checkbox"/> Perforate |
| <input type="checkbox"/> Convert to Injection                                | <input type="checkbox"/> Vent or Flare        |
| <input checked="" type="checkbox"/> Fracture Treat or Acidize                | <input type="checkbox"/> Water Shut-Off       |
| <input checked="" type="checkbox"/> Other CO, Install Plunger Lift Equipment |   |

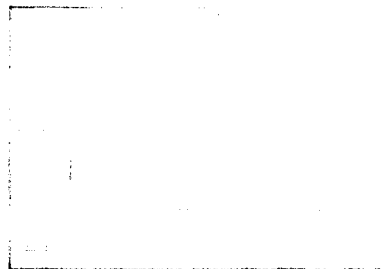
Date of work completion 4/28/96

Report results of **Multiple Completions** and **Recompletions** to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.

\* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Please see the attached chronological history for work performed on the subject well.



13.

Name & Signature: \_\_\_\_\_

*Sheila Bremer*

Title: Environmental & Safety Analyst Date: 05/01/96

(This space for State use only)

*tax credit  
9/20/96*



**Clean Out, Perf, Acidize & Install PLE**

- 04/16/96 MIRU Colorado Well Service Rig #26. Blow tbg & csg 60 bbls. PU on tbg pkr. Move RU BOPs - POH tbg & pkr, dragging last 3 stds. Well blowing. Add 80 bbls KCl 3%. Continue out of hole - SLM - LD R3 pkr - hole in 1 jt above pkr. PU RIH w/stroke bailer, tag @ 4822'. RU power swivel, ream down to 6 jts. LD swivel & continue in hole, tag @ 5436'. Decide to PU swivel in AM. POH 12 stds. SDFN Send R3 pkr to Mountain States.  
DC: \$5,998 TC: \$5,998
- 04/17/96 SICP 525 psi. Bleed off. RIH 12 stds & single. RU power swivel, tbg, trying to stick. Work up & down hole 2 jts, could not make progress. POH w/tbg - check and clean bailer - PU-RIH w/Hydrostatic bailer - CO from 5436' to 5587'. POH 15 stds. Load 200 bbls. Bailer stick in hole, hard to work up & loosen. SDFN, Saw some frac balls in 2nd run.  
DC: \$4,234 TC: \$10,232
- 04/18/96 SICP 500 psi - Bleed off, POH tbg & Hydrostatic bailer, Clean & service bailer (no balls) RIH on 2 $\frac{3}{8}$ , tag @ 5500'  $\pm$ . Stuck bailer, work loose, try again, stuck again, work loose. POOH to chg to standard bailer, 2 stds of sd & DM? Change to stroke bailer. RIH, tag @ 5545'. Drill & rmg to 5550'. Keep sticking bailer, work free, no progress. POH to look @ bailer - 1 std full @ bailer - PU RIH, notch clr 2 $\frac{3}{8}$ , SN, 60 stds. SDFN.  
DC: \$3,165 TC: \$13,397
- 04/19/96 SITP 1176 psi, SICP 1170 psi. Blew down & killed well w/70 bbls 3% KCl wtr. RIH w/tbg, tag fill @ 5738'. Start POH, Stuck. Worked loose, pulled free @ 5700'  $\pm$ . POH w/tbg. RIH w/pkr @ 50 stds tbg, set pkr @ 3100'  $\pm$ . Load annulus w/3% KCl wtr. ND BOP & repair csg head. NU BOP. POH & LD pkr. SDFN.  
DC: \$5,200 TC: \$22,555
- 04/21/96 SICP 1100 psig. Blow down & kill well w/70 bbls 3% KCl wtr. PU & RIH w/3 $\frac{3}{8}$  drag bit & stroke bailer. Tag fill @ 5658' bailed sand to PBTD @ 5769'. POH & LD Bailer. RU Cutters WLS. Perf 16 intervals 4818'-5662', 4 SPF w/3 $\frac{1}{8}$ " csg gun. RDWL. RIH & broach prod tbg - 179 jts w/notched clr on btm, SN 1 jt up. New tbg hanger too large to fit tbg head. SDFN.  
DC: \$7,100 TC: \$29,655
- 04/22/96 Had tbg hanger turned down @ machining shop. SITP 1050 psi, SICP 1200 psi. Blow down & Kill well w/10 BW down csg & 5 BW down tbg. Land prod tbg (179 jts @ 5618' w/notched clr on btm, SN 1 jt up @ 5586'). ND BOP, NU WH. Well kicked off, flowed overnight on 20/64" chk. 6:30 am - SICP 725 psi, FTP 530 psi, 20 /64" chk. 1.0 MMCFPD, 48 BW 21 hrs.  
DC: \$3,660 TC: \$33,315
- 04/23/96 RD & MO Colorado Well Service Rig #26. Turned well into sales line @ 11:30 am,

04/22/96. Flowing 855 MMCF, 8.35 BW, 690 TP, 825 CP, on 14/18" chk.

DC: \$200

TC: \$33,515

04/24/96      Flowing 855 MMCF, 38.41 BW, 530 TP, 700 CP, on 18/24" chk.

04/25/96      Flowing 711 MMCF, 26.72 BW, 500 TP, 660 CP, on 16/20" chk. Hook up plunger lift.

04/28/96      Flowing 792 MMCF, 37 BW, 320 TP, 500 CP, on 30/64" chk. **Final Report**

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

43-047-30320  
FORM APPROVED

Budget Bureau No. 1004-0135

Expires: March 31, 1993

5. Lease Designation and Serial No.

See attached spreadsheet

6. If Indian, Allottee or Tribe Name

See attached spreadsheet

7. If Unit or CA, Agreement Designation

Natural Buttes Unit

8. Well Name and No.

See attached spreadsheet

9. API Well No.

See attached spreadsheet

10. Field and Pool, Or Exploratory Area

Natural Buttes

11. County or Parish, State

Uintah County, Utah

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.

Use "APPLICATION FOR PERMIT" - for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☐

Oil Well

☒

Gas Well

☐

Other

2. Name of Operator

Coastal Oil & Gas Corporation

3. Address and Telephone No.

P. O. Box 749, Denver, CO 80201-0749

(303) 573-4476

4. Location of Well (Footage, Sec., T., R., M., Or Survey Description)

See attached spreadsheet

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☐

Notice of Intent

☒

Subsequent Report

☐

Final Abandonment Notice

TYPE OF ACTION

☐

Abandonment

☐

Recompletion

☐

Plugging Back

☐

Casing Repair

☐

Altering Casing

☐

Other

☐

Change of Plans

☐

New Construction

☐

Non-Routine Fracturing

☐

Water Shut-Off

☐

Conversion to Injection

☒

Dispose Water

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markets and zones pertinent to this work.)

The Operator requests approval to empty produced water into tanks on the listed locations. The produced water will then be transported by truck to the underground injection well NBU #159, located at NE/SW Section 35, T9S-R21E, for disposal. Furthermore, the Operator requests approval for the presence of small unlined pits, approximate dimensions of 7' x 7' x 4' deep, to be located immediately adjacent to the stock tanks on the listed locations. The small pits may be necessary to drain off water from the stock tanks at the time of condensate sales. The water will be emptied from the small pit and trucked to the NBU #159 disposal well. The volume of water to be disposed of at each facility will not exceed an average of 5 barrels per day on a monthly basis, in conformance with the requirements of Onshore Order #7.

The listed locations include all wells listed in a Request to Dispose Water sundry dated 10/11/96, as well as all wells drilled to date in the Operator's 1997 drilling program in the Natural Buttes field.

Accepted by the State  
of Utah Division of  
Oil, Gas and Mining

Date: 12-1-97  
By: [Signature] 10/28/97

14. I hereby certify that the foregoing is true and correct

Signed

Bonnie Carson

Title Senior Environmental Analyst

(This space for Federal or State office use)

APPROVED BY

Conditions of approval, if any:

Title

Date

must meet all agency guidelines

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\*See Instruction on Reverse Side

Well Name & No.	API No.	Lease Designation & Serial Number	If Indian, Allottee or Tribe Name	Footages	Qtr/Qtr	Section	Township	Range	Field	County
CIGE #105D-1-10-22E	43-047-31758	U-011336	N/A	842' FNL & 2095' FWL	NENW	1	10	22	Natural Buttes	Uintah
CIGE #114-34-9-21	43-047-31915	ST U-01194-A	N/A	1931' FSL & 535' FEL	NESE	34	9	21	Natural Buttes	Uintah
CIGE #118-35-9-22	43-047-32025	U-010954-A	N/A	2116' FSL & 615' FEL	NESE	35	9	22	Natural Buttes	Uintah
CIGE #124-9-9-21	43-047-32045	U-01188	Ute Tribe Surface	1854' FSL & 1819' FEL	NWSE	9	9	21	Natural Buttes	Uintah
CIGE #129-18-9-21	43-047-32043	U-0581	Ute Tribe Surface	928' FNL & 1837' FWL	NENW	18	9	21	Natural Buttes	Uintah
CIGE #130-19-9-21	43-047-32030	U-0581	Ute Tribe Surface	772' FNL & 714' FEL	NENE	19	9	21	Natural Buttes	Uintah
CIGE #140-16-10-21	43-047-31977	ST ML-10755	N/A	380' FNL & 591' FEL	NENE	16	10	21	Natural Buttes	Uintah
CIGE #144-2-10-22	43-047-32022	ST ML-22651	N/A	1501' FNL & 1719' FEL	SWNE	2	10	22	Natural Buttes	Uintah
CIGE #149-8-10-21	43-047-32056	U-01791	N/A	833' FNL & 2011' FEL	NWNE	8	10	21	Natural Buttes	Uintah
CIGE #161-2-10-22	43-047-32168	ST ML-22651	N/A	297' FSL & 1033' FEL	SESE	2	10	22	Natural Buttes	Uintah
CIGE #164-34-9-22	43-047-32353	U-0149077	N/A	660' FNL & 1739' FWL	NENW	34	9	22	Natural Buttes	Uintah
CIGE #178-5-10-22	43-047-32330	U-01195	N/A	926' FWL & 685' FNL	NWNW	5	10	22	Natural Buttes	Uintah
CIGE #180-16-9-21	43-047-32478	ST ML-3141	N/A	333' FSL & 2557' FWL	SESW	16	9	21	Natural Buttes	Uintah
CIGE #183-20-9-21	43-047-32656	U-0575	Ute Tribe Surface	1725' FSL & 2386' FEL	SWSE	20	9	21	Natural Buttes	Uintah
CIGE #187-13-10-20	43-047-32607	U-4485	N/A	900' FNL & 2200' FWL	NENW	13	10	20	Natural Buttes	Uintah
CIGE #189-29-9-22	43-047-32812	USA U-462	N/A	1574' FNL & 720' FWL	SWNW	29	9	22	Natural Buttes	Uintah
CIGE #194-1-10-22	43-047-32932	USA U-011336	N/A	2017' FNL & 61' FWL	SWNW	1	10	22	Natural Buttes	Uintah
CIGE #197-7-9-21	43-07-32798	U-0149747	N/A	854' FNL & 2178' FEL	NWNE	7	9	21	Natural Buttes	Uintah
CIGE #198-9-9-21	43-047-32799	U-01188	Ute Tribe Surface	2502' FSL & 772' FEL	NESE	9	9	21	Natural Buttes	Uintah
CIGE #199-14-9-21	43-047-32801	U-01193	Ute Tribe Surface	959' FNL & 1760' FWL	NENW	14	9	21	Natural Buttes	Uintah
CIGE #200-16-9-21	43-047-32802	U-38409	Ute Tribe Surface	1950' FNL & 2500' FWL	SENE	16	9	21	Natural Buttes	Uintah
CIGE #201-18-9-21	43-047-32804	U-0575	Ute Tribe Surface	1814' FNL & 944' FEL	SENE	18	9	21	Natural Buttes	Uintah
CIGE #202-21-9-21	43-047-32805	U-0575	Ute Tribe Surface	785' FSL & 471' FEL	SESE	21	9	21	Natural Buttes	Uintah
CIGE #204-35-9-21	43-047-32794	ML-22582	N/A	2055' FNL & 1604' FEL	SWNE	35	9	21	Natural Buttes	Uintah
CIGE #205-1-10-21	43-047-32795	ML-23612	N/A	2110' FNL & 2607' FEL	SWNE	1	10	21	Natural Buttes	Uintah
CIGE #221-36-9-22	43-047-32868	ML-22650	N/A	550' FSL & 514' FEL	NESW	13	9	21	Natural Buttes	Uintah
CIGE #235-25-9-21	43-047-32858	U-01194-ST	N/A	1900' FSL & 1800' FEL	NWSE	25	9	21	Natural Buttes	Uintah
CIGE #236-34-9-21	43-047-32861	U-01194-A-ST	N/A	428' FSL & 882' FEL	SESE	34	9	21	Natural Buttes	Uintah
CIGE #23-7-10-22	43-047-30333	ST ML-23609	N/A	1573' FNL & 1024' FEL	SENE	7	10	22	Natural Buttes	Uintah
CIGE #25-34-9-22	43-047-30737	U-0149077	N/A	2037' FNL & 1608' FWL	SENE	34	9	22	Natural Buttes	Uintah
CIGE #3-32-9-22	43-047-30320	ST ML-22649	N/A	2270' FNL & 900' FEL	SENE	32	9	22	Natural Buttes	Uintah
CIGE #43-14-10-22	43-047-30491	U-01197-A-ST	N/A	1437' FWL & 1416' FNL	NW	14	10	22	Natural Buttes	Uintah
CIGE #59-21-10-21	43-047-30548	U-02278	N/A	809' FSL & 1081' FWL	SWSW	21	10	21	Natural Buttes	Uintah
CIGE #6-19-9-21 (GR)	43-047-30356	U-0581	N/A	1122' FSL & 1542' FEL	SWSE	19	9	21	Natural Buttes	Uintah
CIGE #63D-29-9-22P	43-047-30949	U-462	N/A	521' FNL & 977' FWL	NWNW	29	9	22	Natural Buttes	Uintah
CIGE #9-36-9-22	43-047-30419	ST ML-22650	N/A	2090' FSL & 1852' FEL	NWSE	36	9	22	Natural Buttes	Uintah
CIGE #97D-31-9-22	43-047-31729	U-01530-A-ST	N/A	548' FSL & 907' FEL	SESE	31	9	22	Natural Buttes	Uintah
Morgan State #10-36	43-047-32816	ML-22265	N/A	1794' FNL & 649' FEL	SENE	36	9	21	Natural Buttes	Uintah
Morgan State #11-36	43-047-32813	ML-22265	N/A	1943' FSL & 1843' FEL	NESW	36	9	21	Natural Buttes	Uintah
Morgan State #12-36	43-047-32814	ML-22265	N/A	1992' FSL & 722' FEL	NESE	36	9	21	Natural Buttes	Uintah
Morgan State #13-36	43-047-32817	ML-22265	N/A	540' FSL & 815' FEL	SESE	36	9	21	Natural Buttes	Uintah
Morgan State #2-36	43-047-32585	ST ML-22265	N/A	900' FNL & 804' FWL	NWNW	36	9	21	Natural Buttes	Uintah
Morgan State #4-36	43-047-32729	ST ML-22265	N/A	1912' FSL & 649' FWL	NWSW	36	9	21	Natural Buttes	Uintah
Morgan State #5-36	43-047-32735	ST ML-22265	N/A	2100' FSL & 1800' FEL	NWSE	36	9	21	Natural Buttes	Uintah
Morgan State #8-36	43-047-32812	ML-22265	N/A	650' FNL & 690' FEL	NENE	36	9	21	Natural Buttes	Uintah
Morgan State #9-36	43-047-32815	ML-22265	N/A	1894' FNL & 1978' FEL	SWNE	36	9	21	Natural Buttes	Uintah
NBU #105	43-047-32302	U-0575	N/A	1026' FSL & 1011' FWL	SWSW	17	9	21	Natural Buttes	Uintah
NBU #113	43-047-31931	U-0149077	N/A	580' FSL & 854' FEL	SESE	34	9	22	Natural Buttes	Uintah
NBU #118	43-047-31969	U-5077-B	Ute Tribe Surface	1700' FNL & 660' FEL	SENE	22	9	20	Natural Buttes	Uintah
NBU #12	43-047-30119	U-461	N/A	1563' FSL & 2328' FEL	NWSE	18	9	22	Natural Buttes	Uintah

NBU #121	43-047-32086	UTU-01193	Ute Tribe Surface	819' FNL & 2163' FEL	NWNE	13	9	21	Natural Buttes	Uintah
NBU #123	43-047-31974	U-01188	N/A	827' FNL & 916' FWL	NWNW	15	9	21	Natural Buttes	Uintah
NBU #131	43-047-31966	U-0149075	Ute Tribe Surface	1699' FSL & 800' FWL	NWSW	23	9	21	Natural Buttes	Uintah
NBU #134	43-047-32011	U-0576	N/A	138' FSL & 836' FWL	SWSW	28	9	21	Natural Buttes	Uintah
NBU #140	43-047-31947	U-01191-A	N/A	1031' FNL & 1879' FEL	NWNE	5	10	22	Natural Buttes	Uintah
NBU #148	43-047-31983	U-01191	N/A	279' FSL & 2127' FWL	SESW	4	10	22	Natural Buttes	Uintah
NBU #150	43-047-31992	U-01196-B	N/A	2042' FNL & 2002' FWL	SENW	9	10	22	Natural Buttes	Uintah
NBU #152	43-047-31990	U-01196-D	N/A	815' FSL & 754' FEL	SESE	9	10	22	Natural Buttes	Uintah
NBU #153	43-047-31975	ST U-01197-A	N/A	2500' FNL & 974' FWL	SWNW	11	10	22	Natural Buttes	Uintah
NBU #18	43-047-30221	U-025187	N/A	2401' FWL & 2337' FSL	SWNE	10	10	22	Natural Buttes	Uintah
NBU #180	43-047-32113	U-025187	N/A	843' FSL & 2075' FEL	SWSE	10	10	22	Natural Buttes	Uintah
NBU #182	43-047-32162	U-0141315	N/A	1809' FNL & 1519' FWL	SENW	11	9	21	Natural Buttes	Uintah
NBU #185	43-047-32171	U-01191-A	N/A	2132' FNL & 2126' FEL	SWNE	3	10	22	Natural Buttes	Uintah
NBU #187	43-047-32230	U-0149077	N/A	1057' FSL & 2321' FWL	SESW	34	9	22	Natural Buttes	Uintah
NBU #188	43-047-32234	U-01196-C	N/A	699' FWL & 1248' FSL	SWSW	10	10	22	Natural Buttes	Uintah
NBU #189	43-047-32236	U-0149075	Ute Tribe Surface	1551' FWL & 1064' FSL	SESW	23	9	21	Natural Buttes	Uintah
NBU #198	43-047-32357	U-010950-A	N/A	2041' FEL & 2107' FSL	NWSE	22	9	21	Natural Buttes	Uintah
NBU #201	43-047-32364	U-0149767	Ute Tribe Surface	2310' FNL & 500' FWL	SWNW	9	9	21	Natural Buttes	Uintah
NBU #206	43-047-32341	U-01196-C	N/A	2209' FNL & 303' FWL	SWNW	10	10	22	Natural Buttes	Uintah
NBU #207	43-047-32329	ST U-01197	N/A	912' FNL & 1685' FWL	NENW	10	10	22	Natural Buttes	Uintah
NBU #208	43-047-32343	U-01191	N/A	790' FSL & 569' FEL	SESE	4	10	22	Natural Buttes	Uintah
NBU #210	43-047-32340	U-01196-C	N/A	1956' FSL & 2060' FWL	NESW	10	10	22	Natural Buttes	Uintah
NBU #216	43-047-32487	U-010950-A	Ute Tribe Surface	1875' FSL & 1665' FWL	NESW	15	9	21	Natural Buttes	Uintah
NBU #223	43-047-32517	U-01194-ST	N/A	514' FNL & 2174' FWL	NENW	26	9	21	Natural Buttes	Uintah
NBU #228	43-047-32636	U-0575	Ute Tribe Surface	660' FSL & 1843' FEL	SWSE	17	9	21	Natural Buttes	Uintah
NBU #229	43-47-32594	U-01191-A	N/A	1019' FNL & 1712' FEL	NWNE	3	10	22	Natural Buttes	Uintah
NBU #230A	43-047-32908	U-01191-A	N/A	1849' FNL & 677' FEL	SENE	3	10	22	Natural Buttes	Uintah
NBU #231	43-047-32561	U-01191-A-ST	N/A	966' FNL & 1539' FEL	NWNE	10	10	22	Natural Buttes	Uintah
NBU #252	43-047-32800	U-0141315	Ute Tribal Surface	641' FNL & 1845' FWL	NENW	10	9	21	Natural Buttes	Uintah
NBU #254	43-047-32803	U-0575	Ute Tribal Surface	1840' FNL & 2014' FWL	NESW	17	9	21	Natural Buttes	Uintah
NBU #255	43-047-32806	U-0575	Ute Tribal Surface	642' FSL & 1235' FWL	SESW	21	9	21	Natural Buttes	Uintah
NBU #256	43-047-32807	U-0147566	Ute Tribal Surface	2213' FNL & 2312' FWL	SENW	22	9	21	Natural Buttes	Uintah
NBU #257	43-047-32790	ST U-01194	N/A	1756' FNL & 2150' FWL	SENW	25	9	21	Natural Buttes	Uintah
NBU #258	43-047-32791	ST U-01194	N/A	1880' FNL & 211' FEL	SENE	26	9	21	Natural Buttes	Uintah
NBU #259	43-047-32792	ST U-01194	N/A	2300' FNL & 1850' FEL	SWNE	26	9	21	Natural Buttes	Uintah
NBU #263	43-047-32793	ST U-01194-A	N/A	1641' FNL & 1832' FWL	SENW	34	9	21	Natural Buttes	Uintah
NBU #265	43-047-32796	ML-13826	N/A	1953' FSL & 632' FEL	NESE	2	10	21	Natural Buttes	Uintah
NBU #270	43-047-32862	ML-23608	N/A	1963' FNL & 801' FWL	SWNW	13	10	21	Natural Buttes	Uintah
NBU #280	43-047-32865	ML-32935-A	N/A	2596' FSL & 1459' FWL	NESW	31	9	22	Natural Buttes	Uintah
NBU #289	43-047-32910	U-01191	N/A	463' FSL & 2023' FWL	SESW	3	10	22	Natural Buttes	Uintah
NBU #291	43-047-32911	U-1196-D	N/A	457' FNL & 570' FEL	NENE	9	10	22	Natural Buttes	Uintah
NBU #38N2	43-047-30536	U-08512-ST	N/A	1752' FWL & 1768' FSL	CSW	13	10	22	Natural Buttes	Uintah
NBU #80V	43-047-31240	U-0149077	N/A	2042' FSL & 984' FWL	NWSW	34	9	22	Natural Buttes	Uintah
NBU #86J	43-047-31251	U-01191-A	N/A	492' FNL & 722' FEL	NENE	3	10	22	Natural Buttes	Uintah

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL ☐ GAS WELL ☐ OTHER \_\_\_\_\_

2. NAME OF OPERATOR:  
El Paso Production Oil & Gas Company

3. ADDRESS OF OPERATOR: 58 South 1200 East CITY Vernal STATE Utah ZIP 84078 PHONE NUMBER: 435-789-4433

4. LOCATION OF WELL

FOOTAGES AT SURFACE:

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:

5. LEASE DESIGNATION AND SERIAL NUMBER:

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:

8. WELL NAME and NUMBER:  
Exhibit "A"

9. API NUMBER:

10. FIELD AND POOL, OR WILDCAT:

COUNTY:

STATE:

UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

TYPE OF ACTION

☐ NOTICE OF INTENT  
(Submit in Duplicate)

Approximate date work will start:

☐ SUBSEQUENT REPORT  
(Submit Original Form Only)

Date of work completion:

☐ ACIDIZE

☐ ALTER CASING

☐ CASING REPAIR

☐ CHANGE TO PREVIOUS PLANS

☐ CHANGE TUBING

☐ CHANGE WELL NAME

☐ CHANGE WELL STATUS

☐ COMMINGLE PRODUCING FORMATIONS

☐ CONVERT WELL TYPE

☐ DEEPEN

☐ FRACTURE TREAT

☐ NEW CONSTRUCTION

☐ OPERATOR CHANGE

☐ PLUG AND ABANDON

☐ PLUG BACK

☐ PRODUCTION (START/RESUME)

☐ RECLAMATION OF WELL SITE

☐ RECOMPLETE - DIFFERENT FORMATION

☐ REPERFORATE CURRENT FORMATION

☐ SIDETRACK TO REPAIR WELL

☐ TEMPORARILY ABANDON

☐ TUBING REPAIR

☐ VENT OR FLARE

☐ WATER DISPOSAL

☐ WATER SHUT-OFF

☒ OTHER: Name Change

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

As a result of the merger between The Coastal Corporation and a wholly owned subsidiary of El Paso Energy Corporation, the name of Coastal Oil & Gas Corporation has been changed to El Paso Production Oil & Gas Company effective March 9, 2001.

See Exhibit "A"

Bond # 400JU0708

Coastal Oil & Gas Corporation

NAME (PLEASE PRINT)

John T. Elzner

TITLE Vice President

SIGNATURE

DATE 06-15-01

El Paso Production Oil & Gas Company

NAME (PLEASE PRINT)

John T. Elzner

TITLE Vice President

SIGNATURE

DATE 06-15-01

(This space for State use only)

RECEIVED

JUN 19 2001

DIVISION OF  
OIL, GAS AND MINING

State of Delaware  
*Office of the Secretary of State*

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PAGE 1

I, HARRIET SMITH WINDSOR, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF AMENDMENT OF "COASTAL OIL & GAS CORPORATION", CHANGING ITS NAME FROM "COASTAL OIL & GAS CORPORATION" TO "EL PASO PRODUCTION OIL & GAS COMPANY", FILED IN THIS OFFICE ON THE NINTH DAY OF MARCH, A.D. 2001, AT 11 O'CLOCK A.M.

RECEIVED

JUN 14 2001

DIVISION OF  
OIL, GAS AND MINING



*Harriet Smith Windsor*  
Harriet Smith Windsor, Secretary of State

0610204 8100

AUTHENTICATION: 1061007

010162788

DATE: 04-03-01

## CERTIFICATE OF AMENDMENT

OF

## CERTIFICATE OF INCORPORATION

COASTAL OIL & GAS CORPORATION (the "Company"), a corporation organized and existing under and by virtue of the General Corporation Law of the State of Delaware, DOES HEREBY CERTIFY:

FIRST: That the Board of Directors of the Company, by the unanimous written consent of its members, filed with the minutes of the Board, adopted a resolution proposing and declaring advisable the following amendment to the Certificate of Incorporation of the Company:

RESOLVED that it is deemed advisable that the Certificate of Incorporation of this Company be amended, and that said Certificate of Incorporation be so amended, by changing the Article thereof numbered "FIRST." so that, as amended, said Article shall be and read as follows:

"FIRST. The name of the corporation is El Paso Production Oil & Gas Company."

SECOND: That in lieu of a meeting and vote of stockholders, the stockholders entitled to vote have given unanimous written consent to said amendment in accordance with the provisions of Section 228 of the General Corporation Law of the State of Delaware.

THIRD: That the aforesaid amendment was duly adopted in accordance with the applicable provisions of Sections 242 and 228 of the General Corporation Law of the State of Delaware.

IN WITNESS WHEREOF, said COASTAL OIL & GAS CORPORATION has caused this certificate to be signed on its behalf by a Vice President and attested by an Assistant Secretary, this 9th day of March 2001.

COASTAL OIL &amp; GAS CORPORATION



David L. Siddall  
Vice President

Attest:

  
Margaret E. Roark, Assistant Secretary

RECEIVED

STATE OF DELAWARE  
SECRETARY OF STATE  
DIVISION OF CORPORATIONS  
FILED 11:00 AM 03/09/2001  
010118394 - 0610204

JUN 19 2001

DIVISION OF  
OIL, GAS AND MINING





# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Utah State Office  
P.O. Box 45155  
Salt Lake City, UT 84145-0155

**RECEIVED**

JUL 12 2001

**DIVISION OF  
OIL, GAS AND MINING**

In Reply Refer To:

3106

UTSL-065841

(UT-924)

JUL 10 2001

### NOTICE

El Paso Production Oil & Gas Company : Oil and Gas  
Nine Greenway Plaza :  
Houston TX 77046-0095 :

#### Name Change Recognized

Acceptable evidence has been received in this office concerning the name change of Coastal Oil & Gas Corporation into El Paso Production Oil & Gas Company with El Paso Production Oil & Gas Company being the surviving entity.

For our purposes, the name change is recognized effective March 9, 2001.

The oil and gas lease files identified on the enclosed exhibit have been noted as to the name change. The exhibit was compiled from a list of leases obtained from our computer program. We have not abstracted the lease files to determine if the entities affected by this name change hold an interest in the leases identified nor have we attempted to identify leases where the entities are the operator on the ground maintaining no vested recorded title or operating rights interests. We will be notifying the Minerals Management Service and all applicable Bureau of Land Management offices of the change by a copy of this notice. If additional documentation for changes of operator are required by our Field Offices, you will be contacted by them.

If you identify additional leases in which the entities maintain an interest, please contact this office and we will appropriately document those files with a copy of this Notice.

Due to the name change, the name of the principal/obligor on the bond is required to be changed from Coastal Oil & Gas Corporation to El Paso Production Oil & Gas Company. You may accomplish this either by consent of surety rider on the original bond or a rider to the original bond. The bonds are held in Wyoming and Colorado.



Opolonia L. Abeyta  
Acting Chief, Branch of  
Minerals Adjudication

Enclosure

1. Exhibit of Leases (1 pp)

cc: Moab Field Office  
Vernal Field Office  
MMS, Reference Data Branch, MS3130, PO Box 5860, Denver CO 80217  
~~State of Utah, UOGM~~, Attn: Jim Thompson (Ste. 1210), Box 145801, SLC UT 84114  
Teresa Thompson (UT-922)  
Joe Incardine (UT-921)

### Exhibit of Leases

UTUSL-065841A	UTU-47172	UTU-74415	UTU-53860
UTU-28652	UTU-50687	UTU-74416	UTU-66401
UTU-37943	UTU-52298	UTU-75091	UTU-67868
UTU-44089	UTU-0109054	UTU-75096	UTU-65389
UTU-44090A	UTU-0143511	UTU-75097	UTU-77084
UTU-61263	UTU-0143512	UTU-75673	UTU-61430
UTU-00343	UTU-38401	UTU-76259	UTU-72633
UTU-02651	UTU-38411	UTU-76260	UTU-72650
UTU-02651B	UTU-38418	UTU-76261	UTU-49692
UTU-0142175	UTU-38419	UTU-76493	UTU-57894
UTU-70235	UTU-38420	UTU-76495	UTU-76829
UTU-70406	UTU-38421	UTU-76503	UTU-76830
UTU-74954	UTU-38423	UTU-78228	UTU-76831
UTU-75132	UTU-38424	UTU-78714	
UTU-75699	UTU-38425	UTU-78727	
UTU-76242	UTU-38426	UTU-78734	
UTU-78032	UTU-38427	UTU-79012	
UTU-4377	UTU-38428	UTU-79011	
UTU-4378	UTU-53861	UTU-71694	
UTU-7386	UTU-58097	UTU-00576	
UTU-8344A	UTU-64376	UTU-00647	
UTU-8345	UTU-65222	UTU-01470D	
UTU-8347	UTU-65223	UTU-0136484	
UTU-8621	UTU-66746	UTU-8344	
UTU-14646	UTU-67178	UTU-8346	
UTU-15855	UTU-67549	UTU-8648	
UTU-25880	UTU-72028	UTU-28212	
UTU-28213	UTU-72632	UTU-30289	
UTU-29535	UTU-73009	UTU-31260	
UTU-29797	UTU-73010	UTU-33433	
UTU-31736	UTU-73013	UTU-34711	
UTU-34350	UTU-73175	UTU-46699	
UTU-34705	UTU-73434	UTU-78852	
UTU-37116	UTU-73435	UTU-78853	
UTU-37355	UTU-73444	UTU-78854	
UTU-37573	UTU-73450	UTU-075939	
UTU-38261	UTU-73900	UTU-0149767	
UTU-39223	UTU-74409	UTU-2078	
UTU-40729	UTU-74410	UTU-44426	
UTU-40736	UTU-74413	UTU-49530	
UTU-42469	UTU-74414	UTU-51026	

**OPERATOR CHANGE WORKSHEET****ROUTING**

1. GLH		4-KAS
2. CDW	✓	5-LP ✓
3. JLT		6-FILE

Enter date after each listed item is completed

Change of Operator (Well Sold)

Designation of Agent

Operator Name Change (Only)

**X Merger**The operator of the well(s) listed below has changed, effective: **3-09-2001**

<b>FROM: (Old Operator):</b>
COASTAL OIL & GAS CORPORATION
Address: 9 GREENWAY PLAZA STE 2721
HOUSTON, TX 77046-0995
Phone: 1-(713)-418-4635
Account N0230

<b>TO: ( New Operator):</b>
EL PASO PRODUCTION OIL & GAS COMPANY
Address: 9 GREENWAY PLAZA STE 2721 RM 2975B
HOUSTON, TX 77046-0995
Phone: 1-(832)-676-4721
Account N1845

**CA No.****Unit: NATURAL BUTTES****WELL(S)**

NAME	API NO	ENTITY NO	SEC TWN RNG	LEASE TYPE	WELL TYPE	WELL STATUS
NBU CIGE 24-29-9-22	43-047-30493	2900	29-09S-22E	STATE	GW	P
CIGE 145-29-9-22	43-047-31993	2900	29-09S-22E	STATE	GW	P
CIGE 219-29-9-22	43-047-32864	2900	29-09S-22E	STATE	GW	P
NBU 341-29E	43-047-33055	2900	29-09S-22E	STATE	GW	P
CIGE 240	43-047-33207	2900	29-09S-22E	STATE	GW	P
NBU 137	43-047-31939	2900	30-09S-22E	STATE	GW	P
NBU CIGE 5-31-9-22	43-047-30335	2900	31-09S-22E	STATE	GW	P
NBU 50	43-047-30835	2900	31-09S-22E	STATE	GW	P
NBU CIGE 51D-31-9-22	43-047-30889	2900	31-09S-22E	STATE	GW	P
NBU 41J	43-047-31224	2900	31-09S-22E	STATE	GW	P
CIGE 97D-31-9-22	43-047-31729	2900	31-09S-22E	STATE	GW	P
NBU 155	43-047-32004	2900	31-09S-22E	STATE	GW	P
CIGE 148-31-9-22	43-047-32024	2900	31-09S-22E	STATE	GW	P
NBU 280	43-047-32865	2900	31-09S-22E	STATE	GW	P
CIGE 220-31-9-22	43-047-32884	2900	31-09S-22E	STATE	GW	P
NBU 326	43-047-33204	2900	31-09S-22E	STATE	GW	P
CIGE 3-32-9-22	43-047-30320	2900	32-09S-22E	STATE	GW	P
NBU CIGE 36D-32-9-22	43-047-30833	2900	32-09S-22E	STATE	GW	P
NBU 54	43-047-30890	2900	32-09S-22E	STATE	GW	P
NBU 51J	43-047-31234	2900	32-09S-22E	STATE	GW	P

**OPERATOR CHANGES DOCUMENTATION**

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 06/19/2001
2. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 06/19/2001
3. The new company has been checked through the **Department of Commerce, Division of Corporations Database** on: 06/21/2001
4. Is the new operator registered in the State of Utah: YES Business Number: 608186-0143

5. If **NO**, the operator was contacted contacted on: N/A
6. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the (merger, name change, or operator change for all wells listed on Federal or Indian leases on: 07/10/2001
7. **Federal and Indian Units:** The BLM or BIA has approved the successor of unit operator for wells listed on: 07/10/2001
8. **Federal and Indian Communization Agreements ("CA"):** The BLM or the BIA has approved the operator change for all wells listed involved in a CA on: N/A
9. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: N/A

---

**DATA ENTRY:**

1. Changes entered in the **Oil and Gas Database** on: 07/19/2001
2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 07/19/2001
3. Bond information entered in RBDMS on: N/A
4. Fee wells attached to bond in RBDMS on: N/A

---

**STATE BOND VERIFICATION:**

1. State well(s) covered by Bond No.: 400JU0705

---

**FEDERAL BOND VERIFICATION:**

1. Federal well(s) covered by Bond No.: N/A

---

**FEE WELLS - BOND VERIFICATION/LEASE INTEREST OWNER NOTIFICATION:**

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond No: N/A
2. The **FORMER** operator has requested a release of liability from their bond on: N/A  
The Division sent response by letter on: N/A
3. (R649-2-10) The **FORMER** operator of the Fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: \_\_\_\_\_

---

**FILMING:**

1. All attachments to this form have been **MICROFILMED** on: \_\_\_\_\_

---

**FILING:**

1. **ORIGINALS/COPIES** of all attachments pertaining to each individual well have been filled in each well file on: \_\_\_\_\_

---

**COMMENTS: Master list of all wells involved in operator change from Coastal Oil & Gas Corporation to El Paso Production Oil and Gas Company shall be retained in the "Operator Change File".**

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JAN. 17. 2003 3:34PM

TPORT

NO. 173 P. 2

**WESTPORT OIL AND GAS COMPANY, L.P.**

410 Seventeenth Street #2300 Denver Colorado 80202-4436  
Telephone: 303 573 5404 Fax: 303 573 5609

February 1, 2002

Department of the Interior  
Bureau of Land Management  
2850 Youngfield Street  
Lakewood, CO 80215-7093  
Attention: Ms. Martha Maxwell

RE: BLM Bond CO-1203  
BLM Nationwide Bond 158626364  
Surety - Continental Casualty Company  
Belco Energy Corporation merger into Westport Oil and Gas Company, Inc.  
Conversion of Westport Oil and Gas Company, Inc., into Westport Oil and Gas Company, L.P.  
Assumption Rider - Westport Oil and Gas Company, L.P.

Dear Ms. Maxwell:

Pursuant to our recent conversations, please find the following list of enclosures for the BLM's consideration and approval:

Two (2) Assumption Riders, fully executed originals.  
Copies of Belco Energy Corporation merger into Westport Oil and Gas Company, Inc.  
Copies of Westport Oil and Gas Company, Inc., conversion into Westport Oil and Gas Company, L.P.  
List of all Federal/BIA/State Leases - Belco/Westport's leases - in all states.

Please inform us of any additional information needed to complete the change to Westport Oil and Gas Company, L.P., as operator of record.

I thank you for your assistance and cooperation in this matter. Please do not hesitate contacting the undersigned, should a question arise.

Sincerely,  
Westport Oil and Gas Company, L.P.

Debby J. Black  
Engineer Technician

Encl:



United States Department of the Interior **RECEIVED**

BUREAU OF LAND MANAGEMENT

Utah State Office  
P.O. Box 45155  
Salt Lake City, UT 84145-0155

FEB 22 2002

DIVISION OF  
OIL, GAS AND MINING

In Reply Refer To:

3106

UTU-25566 et al

(UT-924)

FEB 21 2002

NOTICE

Westport Oil and Gas Company L.P. : Oil and Gas  
410 Seventeenth Street, #2300 :  
Denver Colorado 80215-7093 :

Name Change Recognized

Acceptable evidence has been received in this office concerning the name change of Westport Oil and Gas Company, Inc. into Westport Oil and Gas Company, L.P. with Westport Oil and Gas Company, L.P. being the surviving entity.

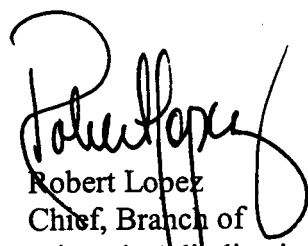
For our purposes, the name change is recognized effective December 31, 2001.

The oil and gas lease files identified have been noted as to the name change. The exhibit was compiled from a list of leases obtained from our computer program. We have not abstracted the lease files to determine if the entities affected by this name change hold an interest in the leases identified nor have we attempted to identify leases where the entities are the operator on the ground maintaining no vested recorded title or operating rights interests. We will be notifying the Minerals Management Service and all applicable Bureau of Land Management offices of the change by a copy of this notice. If additional documentation for changes of operator are required by our Field Offices, you will be contacted by them.

If you identify additional leases in which the entities maintain an interest, please contact this office and we will appropriately document those files with a copy of this Notice.

Due to the name change, the name of the principal/obligor on the bond is required to be changed from Westport Oil and Gas Company, Inc. to Westport Oil and Gas Company, L.P.. You may accomplish this either by consent of surety rider on the original bond or a rider to the original bond. The bonds are held in Colorado.

UTU-03405  
UTU-20895  
UTU-25566  
UTU-43156  
UTU-49518  
UTU-49519  
UTU-49522  
UTU-49523



Robert Lopez  
Chief, Branch of  
Minerals Adjudication

cc: Moab Field Office  
Vernal Field Office  
MMS, Reference Data Branch, MS3130, PO Box 5860, Denver CO 80217  
State of Utah, DOGM, Attn: Jim Thompson (Ste. 1210), Box 145801, SLC UT 84114  
Teresa Thompson (UT-922)  
Joe Incardine (UT-921)



July 2, 2002

Mr. Jim Thompson, Eng Tech  
State of Utah  
Division of Oil, Gas, and Mining  
1594 West North Temple, Suite 1210  
PO Box 145801  
Salt Lake City, Utah 84114-5801

Re: Well Name Verification

Dear Mr. Thompson

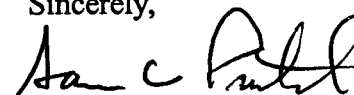
On behalf of El Paso Production Oil and Gas Co I would like to apologize for the well name confusion that has developed over the past few years. Believe me it's not just between the Government agencies and El Paso, we also have had the same problem internally.

Over the years well names get shortened, abbreviated, and in some cases made longer. Unfortunately these revised names become the common name and as you know all information about these wells is reported by the revised name rather than the official name.

Thank you for helping us identify the wells in our system that have gone through this metamorphism. Please find attached a list of these wells. Note that we have divided the wells into three categories: 1) Yellow highlight is used to identify wells that the state needs to change to match El Paso's database. 2) Blue highlight is used to identify wells that El Paso will change to match the state database. 3) Green highlight is used for wells that have an unnecessary extension that both El Paso and the state need to remove.

El Paso now requests that these names be officially changed as described above. We hope this will help avoid any future confusion that may arise trying to identify these wells. If you have any additional questions please do not hesitate to call our regulatory analyst Cheryl Cameron or myself.

Sincerely,



Sam C. Prutch  
Engineering Manager

**RECEIVED**

AUG 05 2002

**DIVISION OF  
OIL, GAS AND MINING**

1368 South 1200 East • Vernal, UT 84078  
435.781.7037 Phone • 435.781.7095 Fax

## Well List

### El Paso

Ute Tribal 5-1  
 Ute Tribal 1-34A4  
 Ute Unit 1-01B4  
 Crook 1-06B4  
 Flying Diamond Roper 1-14B3  
 Young Etal 1-29B4  
 Meagher Estate 1-4B2  
 Ute 1-06B2  
 Ute Tribal 1-25A3  
 1-35B6  
 1-5C4  
 2-9B5  
 Reese 2-10B2  
 Monsen 2-27A3  
 Hunt 2-21B4  
 Jenkins 2-1B3  
 Birch 3-27B5  
 Fed Miller 1  
 Shell Ute 1-08A1E  
 NBU 1-7B  
 NBU 2-15B  
 NBU 3-2B  
 NBU 5-36B  
 NBU 4-35B  
 NBU 10-29B  
 NBU 8-20B  
 NBU 7-9B  
 NBU 13-8B  
 NBU 15-29B  
 NBU 16-6B  
 NBU 17-18B  
 NBU 20-1B  
**CIGE 3-32-9-22**

### State of Utah

<change to Ute Trib Brink 5-1 (1-5D5)  
 Ute 1-34A4  
 Ute 1-1B4  
 Crook 1-6B4  
 Roper 1-14B3  
 Young 1-29B4  
 Meager 1-4B2  
 Ute 1-6B2  
 Ute 1-25A3  
 Ute 1-35B6  
 Duchesne CO Ute TR 1-5C4  
 Duncan 2-9B5  
 Reese Estate 2-10B2  
 <change to Monsen 2-27A3 R  
 <change to Hunt 2-21B4 R  
 <change to Jenkins 2-1B3 R  
 <change to Birch 3-27B5 R  
 <change to Fed Miller #1 C  
 Ute 1-8A1E  
 <change to NBU 1-7B (REG)  
 <change to NBU 2-15B (REG)  
 <change to NBU 3-2B (REG)  
 <change to NBU 5-36B (REG)  
 <change to NBU 4-35 (REG)  
 <change to NBU 10-29B (REG)  
 <change to NBU 8-20 (REG)  
 <change to NBU 7-9 (REG)  
 <change to NBU 13-8B (REG)  
 <change to NBU 15-29B (REG)  
 <change to NBU 16-6B (REG)  
 <change to NBU 17-18B (REG)  
 <change to NBU 20-1B (REG)  
 <change to CIGE 3

### API

43-013-30081  
 43-013-30076  
 43-013-30129  
 43-013-30213  
 43-013-30217  
 43-013-30246  
 43-013-30313  
 43-013-30349  
 43-013-30370  
 43-013-30507  
 43-013-30532  
 43-013-30719  
 43-013-30837  
 43-013-31104  
 43-013-31114  
 43-013-31117  
 43-013-31126  
 43-047-30034  
 43-047-30173  
 43-047-30261  
 43-047-30262  
 43-047-30267  
 43-047-30272  
 43-047-30273  
 43-047-30274  
 43-047-30275  
 43-047-30278  
 43-047-30294  
 43-047-30296  
 43-047-30316  
 43-047-30317  
 43-047-30319  
**43-047-30320**

### Section, Township, Range

5W 4S 0005  
 40W 10S 0034  
 40W 20S 0001  
 4W 2S 0006  
 3W 2S 0014  
 4W 2S 0029  
 2W 2S 0004  
 20W 20S 0006  
 30W 10S 0025  
 6W 2S 0035  
 4W 3S 0005  
 5W 2S 0009  
 2W 2S 0010  
 30W 10S 0027  
 4W 2S 0021  
 30W 20S 0001  
 5W 2S 0027  
 22E 7S 0004  
 10E 10S 0008  
 21E 10S 0007  
 20E 9S 0015  
 22E 10S 0002  
 22E 9S 0036  
 22E 9S 0035  
 22E 9S 0029  
 22E 9S 0020  
 21E 10S 0009  
 21E 10S 0008  
 21E 9S 0029  
 21E 10S 0006  
 22E 10S 0018  
 22E 10S 0001  
 22E 9S 0032

UNITED STATES GOVERNMENT

# memorandum

Branch of Real Estate Services  
Uintah & Ouray Agency

Date: 5 December, 2002

Reply to  
Attn of: Supervisory Petroleum Engineer

Subject: Modification of Utah Division of Oil, Gas and Mining Regulations

To: Director, Utah Division of Oil, Gas and Mining Division: John Baza

We have been advised of changes occurring with the operation of your database for Change of Operator. You will be modifying your records to reflect Change of Operator once you have received all necessary documentation from the companies involved, and perhaps in advance of our Notice of Concurrence/Approval of Change of Operator where Indian leases are involved.

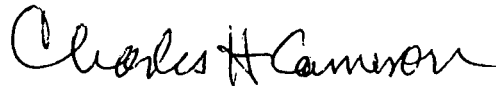
We have no objection.

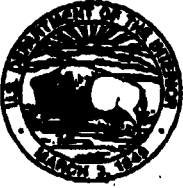
With further comment to Rulemaking, I wish to comment concerning the provision of Exhibits for upcoming Hearings. I would like to see the Uintah & Ouray Agency, BIA, and the Ute Indian Tribe, Energy & Mineral Resources Department added to the list of those parties that receive advance Exhibits so as to allow us to have research time prior to Hearing dates. We will be able to provide a more informed recommendation to the Oil, Gas and Mining Board. It would be best if we would receive only those Exhibits that concern Indian lands, specifically on or adjacent to Indian lands. This may be a difficult situation to attain, as it is not always clear where 'on or adjacent' occurs.

I am aware that you have gone to extra effort to correct this matter already, and I fully appreciate it. My request is intended only to allow the addition of Uintah & Ouray Agency and Ute Indian Tribe to the official listing.

We appreciate your concern, and hope that these comments are timely enough for consideration in the revision process.

CC: Minerals & Mining Section of RES  
Ute Energy & Mineral Resources Department: Executive Director  
chrono





IN REPLY REFER TO:  
Real Estate Services

## United States Department of the Interior

BUREAU OF INDIAN AFFAIRS

Washington, D.C. 20240

FEB 10 2003

Carroll A. Wilson  
Principal Landman  
Westport Oil and Gas Company, L.P.  
1368 South 1200 East  
Vernal, Utah 84078

Dear Mr. Wilson:

This is in response to your request for approval of RLI Insurance Company's Nationwide Oil and Gas Lease Bond No. RLB0005239 executed effective December 17, 2002, (\$150,000 coverage) with Westport Oil and Gas Company, L. P., as principal.

This bond is hereby approved as of the date of this correspondence and will be retained in the Bureau of Indian Affairs' Division of Real Estate Services, 1849 C Street, NW, MS-4512-MIB, Washington, D.C. 20240. All Bureau oil and gas regional offices and the surety are being informed of this action.

In cases where you have existing individual and/or collective bonds on file with one or more of our regional offices, you may now request those offices, directly, to terminate in lieu of coverage under this Nationwide Bond.

Enclosed is a copy of the approved bond for your files. If we may be of further assistance in this matter, please advise.

Sincerely,

A handwritten signature in black ink, reading "Perry E. Brown", is positioned above the title of the signatory.

**ACTING**

Director, Office of Trust Responsibilities

Enclosure



# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Utah State Office  
P.O. Box 45155  
Salt Lake City, UT 84145-0155

IN REPLY REFER TO  
UT-922

February 27, 2003

Westport Oil and Gas Company, L.P.  
Attn: Gary D. Williamson  
1670 Broadway, Suite 2800  
Denver, Colorado 80202

Re: Natural Buttes Unit  
Uintah County, Utah

Gentlemen:

On February 27, 2003, we received an indenture dated December 17, 2002, whereby El Paso Production Oil & Gas Company resigned as Unit Operator and Westport Oil and Gas Company, L.P., was designated as Successor Unit Operator for the Natural Buttes Unit, Uintah County, Utah.

This indenture was executed by all required parties and the signatory parties have complied with Sections 5 and 6 of the unit agreement. The instrument is hereby approved effective February 27, 2003. In approving this designation, the Authorized Officer neither warrants nor certifies that the designated party has obtained all required approval that would entitle it to conduct operations under the Natural Buttes Unit Agreement.

Your nationwide (Colorado) oil and gas bond No. 1203 will be used to cover all operations within the Natural Buttes Unit.

It is requested that you notify all interested parties of the change in unit operator. Copies of the approved instruments are being distributed to the appropriate federal offices, with one copy returned herewith.

Sincerely,

/s/ Robert A. Henricks

Robert A. Henricks  
Chief, Branch of Fluid Minerals

Enclosure

bcc: Field Manager - Vernal (w/enclosure)  
SITLA  
Division of Oil, Gas & Mining  
Minerals Adjudication Group  
File - Natural Buttes Unit (w/enclosure)  
Agr. Sec. Chron  
Fluid Chron

UT922:TAThompson:tt:02/27/2003

RECEIVED

FEB 28 2003

DIV. OF OIL, GAS & MINING

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER:
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
		7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____	8. WELL NAME and NUMBER: Exhibit "A"	9. API NUMBER:
2. NAME OF OPERATOR: El Paso Production Oil & Gas Company		10. FIELD AND POOL, OR WILDCAT:
3. ADDRESS OF OPERATOR: 9 Greenway Plaza CITY Houston STATE TX ZIP 77064-0995		PHONE NUMBER: (832) 676-5933
4. LOCATION OF WELL FOOTAGES AT SURFACE: COUNTY: QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: STATE: UTAH		

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> NEW CONSTRUCTION <input checked="" type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PLUG BACK <input type="checkbox"/> PRODUCTION (START/RESUME) <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	<input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> WATER SHUT-OFF <input type="checkbox"/> OTHER: _____
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____			

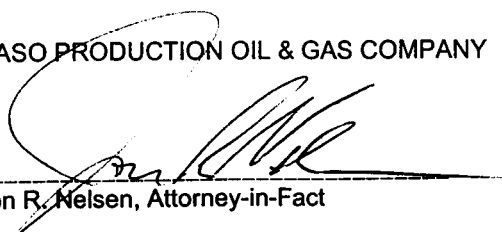
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Operator change to Westport Oil and Gas Company, L.P., 1670 Broadway, Suite 2800, Denver, CO. 80202-4800, effective December 17, 2002.

BOND # \_\_\_\_\_

State Surety Bond No. RLB0005236  
Fee Bond No. RLB0005238


EL PASO PRODUCTION OIL & GAS COMPANY

By:   
Jon R. Nelsen, Attorney-in-Fact

RECEIVED

FEB 28 2003

DIV. OF OIL, GAS & MINING

WESTPORT OIL AND GAS COMPANY, L.P.		TITLE	Agent and Attorney-in-Fact
NAME (PLEASE PRINT)	David R. Dix	DATE	12/17/02
SIGNATURE			

(This space for State use only)

Form 3160-5  
(August 1999)

**UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT**

**SUNDRY NOTICES AND REPORTS ON WELLS**

*Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.*

FORM APPROVED  
OMB No. 1004-0135  
Expires November 30, 2000

5. Lease Serial No.

**SEE ATTACHED EXHIBIT "A"**

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.

**SEE ATTACHED EXHIBIT "A"**

9. API Well No.

**SEE ATTACHED EXHIBIT "A"**

10. Field and Pool, or Exploratory Area

11. County or Parish, State

**UINTAH COUNTY, UT****SUBMIT IN TRIPLICATE - Other instructions on reverse side**

1. Type of Well

☐ Oil Well    ☒ Gas Well    ☐ Other

2. Name of Operator

**WESTPORT OIL & GAS COMPANY, L.P.**

3a. Address

**P.O. BOX 1148 VERNAL, UT 84078**

3b. Phone No. (include area code)

**(435) 781-7023**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

**SEE ATTACHED EXHIBIT "A"****12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	<b>SUCCESSOR OF</b>
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	<b>OPERATOR</b>

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompletes horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and so forth. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed when testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator determined that the site is ready for final inspection.

WESTPORT OIL & GAS COMPANY, L.P., IS CONSIDERED TO BE THE OPERATOR ON THE ATTACHED DESCRIBED LANDS AND IS RESPONSIBLE UNDER THE TERMS AND CONDITIONS OF THE LEASE FOR THE OPERATIONS CONDUCTED ON THE LEASED LANDS OR PORTIONS THEREOF, BOND COVERAGE FOR THIS WELL IS PROVIDED BY FEDERAL NATIONWIDE BOND NO. 158626364, EFFECTIVE FEBRUARY 1, 2002, AND BIA NATIONWIDE BOND NO. RLB0005239, EFFECTIVE FEBRUARY 10, 2003.

**RECEIVED****MAR 04 2003**

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

**CHERYL CAMERON**

Title

**OPERATIONS**

Date

**March 4, 2003**

DIV. OF OIL, GAS &amp; MINING

**THIS SPACE FOR FEDERAL OR STATE USE**

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)

## OPERATOR CHANGE WORKSHEET

## ROUTING

1. GLH	
2. CDW	<input checked="" type="checkbox"/>
3. FILE	

**X Change of Operator (Well Sold)**

Designation of Agent/Operator

Operator Name Change

Merger

The operator of the well(s) listed below has changed, effective: **12-17-02**

<b>FROM: (Old Operator):</b>	<b>TO: ( New Operator):</b>
EL PASO PRODUCTION OIL & GAS COMPANY	WESTPORT OIL & GAS COMPANY LP
Address: 9 GREENWAY PLAZA	Address: P O BOX 1148
HOUSTON, TX 77064-0995	VERNAL, UT 84078
Phone: 1-(832)-676-5933	Phone: 1-(435)-781-7023
Account No. N1845	Account No. N2115

CA No.

Unit:

NATURAL BUTTES

## WELL(S)

NAME	SEC TWN RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
CIGE 3-32-9-22	32-09S-22E	43-047-30320	2900	STATE	GW	P
CIGE 173-32-9-22	32-09S-22E	43-047-32324	2900	STATE	GW	P
NBU 161	32-09S-22E	43-047-32023	2900	STATE	GW	P
CIGE 152-33-9-22	33-09S-22E	43-047-32068	2900	FEDERAL	GW	P
NBU 173	33-09S-22E	43-047-32116	2900	FEDERAL	GW	P
NBU 138	33-09S-22E	43-047-32012	2900	FEDERAL	GW	PA
NBU 138A	33-09S-22E	43-047-32151	2900	FEDERAL	GW	P
COG NBU 93-33E	33-09S-22E	43-047-31753	2900	FEDERAL	GW	P
CIGE 109D-33-9-22	33-09S-22E	43-047-31754	2900	FEDERAL	GW	P
NBU CIGE 27-33-9-22	33-09S-22E	43-047-30738	2900	FEDERAL	GW	P
NBU CIGE 64D-33-9-22P	33-09S-22E	43-047-30950	2900	FEDERAL	GW	P
NBU 112	33-09S-22E	43-047-31930	2900	FEDERAL	GW	P
CIGE 174-33-9-22P	33-09S-22E	43-047-32323	2900	FEDERAL	GW	P
CIGE 213-33-9-22	33-09S-22E	43-047-32933	2900	FEDERAL	GW	P
NBU 327	33-09S-22E	43-047-33735	2900	FEDERAL	GW	P
CIGE 242	33-09S-22E	43-047-34022	99999	FEDERAL	GW	APD
CIGE 266	33-09S-22E	43-047-34386	99999	FEDERAL	GW	APD
CIGE 212-34-9-22	34-09S-22E	43-047-32938	2900	FEDERAL	GW	P
NBU 113	34-09S-22E	43-047-31931	2900	FEDERAL	GW	P
NBU CIGE 25-34-9-22	34-09S-22E	43-047-30737	2900	FEDERAL	GW	P

## OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 02/28/2003
2. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 03/04/2003
3. The new company has been checked through the **Department of Commerce, Division of Corporations Database** on: 03/06/2003
4. Is the new operator registered in the State of Utah: YES Business Number: 1355743-0181
5. If **NO**, the operator was contacted contacted on: \_\_\_\_\_



6. (R649-9-2)Waste Management Plan has been received on: IN PLACE

7. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM-12/31/2003 BIA-12/5/02

8. **Federal and Indian Units:**

The BLM or BIA has approved the successor of unit operator for wells listed on: 02/27/2003

9. **Federal and Indian Communization Agreements ("CA"):**

The BLM or BIA has approved the operator for all wells listed within a CA on: N/A

10. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: N/A

**DATA ENTRY:**

1. Changes entered in the Oil and Gas Database on: 03/18/2003
2. Changes have been entered on the Monthly Operator Change Spread Sheet on: 03/18/2003
3. Bond information entered in RBDMS on: N/A
4. Fee wells attached to bond in RBDMS on: N/A

**STATE WELL(S) BOND VERIFICATION:**

1. State well(s) covered by Bond Number: RLB 0005236

**FEDERAL WELL(S) BOND VERIFICATION:**

1. Federal well(s) covered by Bond Number: 158626364

**INDIAN WELL(S) BOND VERIFICATION:**

1. Indian well(s) covered by Bond Number: RLB 0005239

**FEE WELL(S) BOND VERIFICATION:**

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number RLB 0005238
2. The **FORMER** operator has requested a release of liability from their bond on: N/A  
The Division sent response by letter on: N/A

**LEASE INTEREST OWNER NOTIFICATION:**

3. (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: N/A

**COMMENTS:**

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0135  
Expires November 30, 2000

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

WESTPORT OIL & GAS COMPANY, L.P.

3a. Address

P.O. BOX 1148 VERNAL, UT 84078

3b. Phone No. (include area code)

(435) 781-

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Multiple Wells - see attached

9S 22E 32

4304730320

5. Lease Serial No.

Multiple Wells - see attached

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

891008900A

8. Well Name and No.

Multiple Wells - see attached

9. API Well No.

Multiple Wells - see attached

10. Field and Pool, or Exploratory Area

Natural Buttes Unit

11. County or Parish, State

Uintah County, UT

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleation in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

Westport Oil & Gas requests a variance to Onshore Order No. 4, Part IIIC.a. requiring each sales tank be equipped with a pressure-vacuum thief hatch and/or vent line valve. The variance is requested as an economic analysis shows the value of the shrunk condensate will not payout the incremental cost of purchasing and maintaining the valve resulting in a loss of value over the producing life of the well.

The volume lost to shrinkage by dropping the tank pressure from 6 ozs. to 0 psig is shown to be 0.3% of the tank volume. This was determined by lab analysis of a representative sample from the field. The sample shrunk from 98.82% of original volume to 98.52% when the pressure was dropped.

The average NBU well produces approximately 6 bbls condensate per month. The resulting shrinkage would amount to 0.56 bbls per month lost volume due to shrinkage. The value of the shrunk and lost condensate does not recoup or payout the cost of installing and maintaining the valves and other devices that hold the positive tank pressure. An economic run based on the loss and costs is attached.

Westport Oil & gas requests approval of this variance in order to increase the value of the well to the operator and the mineral royalty owners.

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

J.T. Conley

Signature

*J.T. Conley*

COPY SENT TO OPERATOR

Date: 9-16-03

Initials: CHD

Title

Operations Manager

9-2-2003

SEP 10 2003

DIV. OF OIL, GAS AND MINING

THIS SPACE FOR FEDERAL OR STATE USE

Approved by

Title

Date

Accepted by the  
Utah Division of  
Oil, Gas and Mining

Federal Approval of This  
Action is Necessary

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Date: 9/16/03

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

# Westport Oil & Gas, L.P.

## Project Economics Worksheet

### Instructions:

Fill in blue boxes with before and after project data. The evaluation results are shown below and graphed automatically at the bottom of the page. This sheet is protected to prevent accidental alteration of the formulas. See JTC for changes. OPX entered as annual costs and/or as unit OPX costs for \$/BF and \$/MCF

Project Name:

Condensate Shrinkage Economics

Is this job a well pull or production rig job ??? ☐ N (Y or N)

	BEFORE \$/Year	AFTER \$/Year	DIFFERENCE \$/Year
Gross Oil Revenue	\$1,088	\$1,099	\$11
Gross Gas Revenue	\$0	\$0	\$0
NGL Revenue	\$0	\$0	\$0
PULLING UNIT SERVICE			\$0
WIRELINE SERVICE			\$0
SUBSURF EQUIP REPAIRS			\$0
COMPANY LABOR			\$0
CONTRACT LABOR	\$0	\$200	\$200
CONTR SERVICE			\$0
LEASE FUEL GAS	\$0	\$0	\$0
UTILITIES - ELECTRICITY	\$0	\$0	\$0
CHEMICAL TREATING			\$0
MATERIAL & SUPPLY	\$0	\$150	\$150
WATER & HAULING			\$0
ADMINISTRATIVE COSTS			\$0
GAS PLANT PROCESSING			\$0
<b>Totals</b>	<b>\$0</b>	<b>\$350</b>	<b>\$350</b>

Increased OPX Per Year

### Investment Breakdown:

	Cap/Exp Code	Cost, \$
Capital \$	820/830/840	\$1,200
Expense \$	830/860	\$0
<b>Total \$</b>		<b>\$1,200</b>

Oil Price	\$ 23.00	\$/BO
Gas Price	\$ 3.10	\$/MCF
Electric Cost	\$ -	\$/ HP / day
OPX/BF	\$ 2.00	\$/BF
OPX/MCF	\$ 0.62	\$/MCF

### Production & OPX Detail:

	Before		After		Difference
Oil Production	0.192	BOPD	0.194	BOPD	0.002
Gas Production	0	MCFPD	0	MCFPD	0
Wtr Production	0	BWPD	0	BWPD	0
Horse Power		HP		HP	0
Fuel Gas Burned		MCFPD		MCFPD	0

### Project Life:

Life = 20.0 Years  
(Life no longer than 20 years)

### Internal Rate of Return:

After Tax IROR = #DIV/0!

### AT Cum Cashflow:

Operating Cashflow = (\$2,917) (Discounted @ 10%)

### Payout Calculation:

Payout =  $\frac{\text{Total Investment}}{\text{Sum(OPX + Incremental Revenue)}}$  = 1

Payout occurs when total AT cashflow equals investment  
See graph below, note years when cashflow reaches zero

Payout = NEVER Years or #VALUE! Days

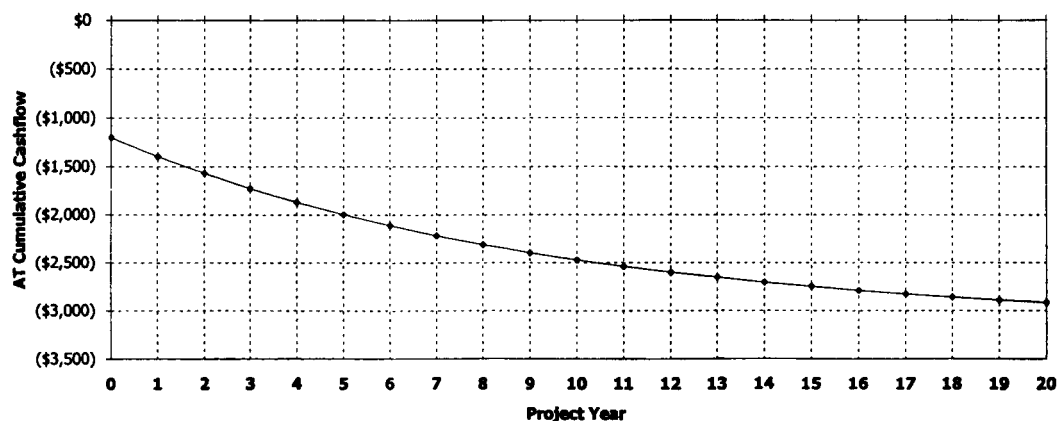
### Gross Reserves:

Oil Reserves = 6 BO  
Gas Reserves = 0 MCF  
Gas Equiv Reserves = 38 MCFE

### Notes/Assumptions:

An average NBU well produces 0.192 Bcpd with no tank pressure. The production is increased to 0.196 Bcpd if 6 ozs of pressure are placed on the tank. The increased production does not payout the valve cost or the estimated annual maintenance costs.

Project: Condensate Shrinkage Economics



# Westport Oil and Gas, Inc.

NBU/Ouray Field

RFL 2003-022

## COMPARISON OF FLASH BACK PRESSURES

Calculated by Characterized Equation-of-State

Flash Conditions		Gas/Oil Ratio ( scf/STbbl ) (A)	Specific Gravity of Flashed Gas ( Air=1.000 )	Separator Volume Factor (B)	Separator Volume Percent (C)
psig	°F				

### Calculated at Laboratory Flash Conditions

80	70			1.019	
0	122	30.4	0.993	1.033	101.37%
0	60	0.0	—	1.000	98.14%

### Calculated Flash with Backpressure using Tuned EOS

80	70			1.015	
6.0 oz	65	24.6	0.777	1.003	98.82%
0	60	0.0	—	1.000	98.52%
80	70			1.015	
4.0 oz	65	24.7	0.778	1.003	98.82%
0	60	0.0	—	1.000	98.52%
80	70			1.015	
2.0 oz	65	24.7	0.779	1.003	98.82%
0	60	0.0	—	1.000	98.52%
80	70			1.015	
0	65	24.8	0.780	1.003	98.82%
0	60	0.0	—	1.000	98.52%

(A) Cubic Feet of gas at 14.696 psia and 60 °F per Barrel of Stock Tank Oil at 60 °F.

(B) Barrels of oil at indicated pressure and temperature per Barrel of Stock Tank Oil at 60 °F.

(C) Oil volume at indicated pressure and temperature as a percentage of original saturated oil volume.

Note: Bubblepoint of sample in original sample container was 80 psig at 70° F with 1 cc water

# ALL WELLS ROCKY MOUNTIAN GAS-NBU ENARDO VARIANCE

WELL	LEGALS	STFLEASENO	CANUMBER	APINO	
CIGE 003	32-9-22 SENE	ML22649	891008900A	430473032000S1	✓
CIGE 004	9-10-21 NESE	UTU01416	891008900A	430473033400S1	
CIGE 005	31-9-22 NWSE	U01207A	891008900A	430473033500S1	✓
CIGE 006	19-9-21 SWSE	U0581	891008900A	430473035600S1	
CIGE 007	8-10-21 NENW	UTU01791	891008900A	430473035800S1	
CIGE 008	35-9-22 SWSE	UTU010954A	891008900A	430473042700S1	
CIGE 009	36-9-22 NWSE	ML22650	891008900A	430473041900S1	✓
CIGE 010	2-10-22 NWSE	ML22651	891008900A	430473042500S1	
CIGE 011	14-9-20 SWSE	UTU0577A	891008900A	430473042400S1	
CIGE 011GR	14-9-20 SWSE	UTU0577A	891008900A	430473042400S1	
CIGE 013	7-10-21 NESE	UTU02270A	891008900A	430473042000S1	
CIGE 014	9-10-22 NESW	UTU01196B	891008900A	430473048400S1	
CIGE 018	2-10-21 NWNW	ML22652	891008900A	430473047100S1	✓
CIGE 019	16-9-21 SWSW	ML3141A	891008900A	430473045900S1	
CIGE 020	20-10-21 SESW	UTU02278	891008900A	430473048500S1	
CIGE 022	15-9-20 SENW	UTU0144868	891008900A	430473049700S1	
CIGE 023	7-10-22 SESE	ML23609	891008900A	430473033300S1	✓
CIGE 024	29-9-22 SESW	U01207	891008900A	430473049300S1	
CIGE 025	34-9-22 SENW	UTU0149077	891008900A	430473073700S1	
CIGE 027	33-9-22 NENW	UTU01191A	891008900A	430473073800S1	
CIGE 028	35-9-21 NESE	ML22582	891008900A	430473073900S1	✓
CIGE 030	6-10-21 NENW	UTU01791	891008900A	430473049800S1	
CIGE 031	1-10-22 SWNW	U011336	891008900A	430473051100S1	
CIGE 032A	20-9-20 NESW	UTU01567A	891008900A	430473049600S1	
CIGE 034	13-10-20 SWNE	UTU02270A	891008900A	430473050800S1	
CIGE 035	1-10-20 NESW	UTU02270A	891008900A	430473049400S1	
CIGE 036D	32-9-22 NWNW	ML22649	891008900A	430473083300S1	✓
CIGE 037D	21-9-21 SWSE	UTU0576	891008900A	430473091000S1	
CIGE 038D	4-10-21 SWSE	U01416	891008900A	430473049500S1	
CIGE 040	3-10-21 NESW	UTU0149078	891008900A	430473074000S1	
CIGE 042	25-9-21 SWSE	U04139	891008900A	430473049200S1	✓
CIGE 043	14-10-22 SENW	U01197A	891008900A	430473049100S1	✓
CIGE 044	9-9-21 SESE	UTU01188	891008900A	430473052700S1	
CIGE 045	15-9-21 NESE	UTU01193	891008900A	430473052800S1	
CIGE 046	21-9-21 NENE	UTU0576	891008900A	430473052900S1	
CIGE 047	14-10-21 NWSE	UTU01393C	891008900A	430473051000S1	
CIGE 048	15-10-21 SWNE	UTU01416A	891008900A	430473050600S1	
CIGE 051D	31-9-22 NENE	U01191	891008900A	430473088900S1	✓
CIGE 052	5-10-22 SENW	UTU01195	891008900A	430473053100S1	
CIGE 053	6-10-22 NESW	UTU01195	891008900A	430473053300S1	
CIGE 054D	35-9-21 NENE	ML22582	891008900A	430473085100S1	✓
CIGE 055	1-10-21 SENW	ML23612	891008900A	430473051200S1	✓
CIGE 056	34-9-21 SWSE	U01194A	891008900A	430473053000S1	✓
CIGE 057	10-10-21 NENE	UTU0149079	891008900A	430473054300S1	
CIGE 058	16-10-21 SESE	ML10755	891008900A	430473053200S1	
CIGE 060	14-9-21 SENW	UTU01193	891008900A	430473054900S1	
CIGE 061	13-9-21 SENW	U01193	891008900A	430473055000S1	
CIGE 062D	36-9-22 NWSW	ML22650	891008900A	430473088500S1	✓
CIGE 063D	29-9-22 NWNW	UTU462	891008900A	430473094900S1	
CIGE 064D	33-9-22 SWSW	UTU01191A	891008900A	430473095000S1	
CIGE 066	23-10-21 SENW	UTU02278A	891008900A	430473054200S1	
CIGE 067A	2-10-22 NENE	ML22651	891008900A	430473093800S1	
CIGE 068D	35-9-22 NWSW	UTU010954A	891008900A	430473095100S1	
CIGE 069	19-10-21 SENW	ML22792	891008900A	430473063500S1	
CIGE 070	20-9-21 NESE	UTU0575	891008900A	430473063600S1	
CIGE 071	7-9-21 NESE	UTU0575B	891008900A	430473063700S1	
CIGE 072	18-9-21 SWNE	UTU0575	891008900A	430473063400S1	
CIGE 073D	5-10-22 SWSW	UTU01191A	891008900A	430473095200S1	
CIGE 074D	6-10-22 NWSE	UTU01195	891008900A	430473095300S1	
CIGE 075D	8-10-21 SENE	UTU01791	891008900A	430473095400S1	
CIGE 076D	9-10-21 NENE	UTU01416	891008900A	430473095500S1	
CIGE 077D	10-10-21 SESE	UTU0149079	891008900A	430473095600S1	
CIGE 078C	16-9-21 NENW	UTU38409	891008900A	430473087000S1	
CIGE 079D	1-10-21 NENE	ML23612	891008900A	430473089600S1	✓
CIGE 080D	2-10-21 NWNW	ML22652	891008900A	430473085300S1	✓
CIGE 081D	4-10-21 NENE	ML22940	891008900A	430473085400S1	
CIGE 086D	16-9-21 SWSE	ML3282	891008900A	430473088600S1	
CIGE 087D	34-9-21 NENE	U01194A	891008900A	430473086900S1	✓
CIGE 088D	15-10-21 NWNW	UTU01791A	891008900A	430473095800S1	
CIGE 089D	34-9-22 SENE	UTU0149077	891008900A	430473114600S1	
CIGE 090D	9-9-21 NWNE	UTU01188A	891008900A	430473114900S1	
CIGE 091D	15-9-21 NWNE	UTU01188	891008900A	430473115100S1	

Division of Oil, Gas and Mining  
**OPERATOR CHANGE WORKSHEET**

**ROUTING**

1. DJJ

2. CDW

**X Change of Operator (Well Sold)**

Operator Name Change/Merger

The operator of the well(s) listed below has changed, effective:

**1/6/2006**

**FROM:** (Old Operator):

N2115-Westport Oil & Gas Co., LP

1368 South 1200 East

Vernal, UT 84078

Phone: 1-(435) 781-7024

**TO:** ( New Operator):

N2995-Kerr-McGee Oil & Gas Onshore, LP

1368 South 1200 East

Vernal, UT 84078

Phone: 1-(435) 781-7024

**CA No.**

**Unit:**

**NATURAL BUTTES UNIT**

WELL NAME

SEC TWN RNG

API NO

ENTITY

NO

LEASE

TYPE

WELL

TYPE

WELL

STATUS

**OPERATOR CHANGES DOCUMENTATION**

Enter date after each listed item is completed

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 5/10/2006

2. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 5/10/2006

3. The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 3/7/2006

4a. Is the new operator registered in the State of Utah: YES Business Number: 1355743-0181

4b. If **NO**, the operator was contacted on:

5a. (R649-9-2) Waste Management Plan has been received on: IN PLACE

5b. Inspections of LA PA state/fee well sites complete on: n/a 3 LA wells & all PA wells transferred

5c. Reports current for Production/Disposition & Sundries on: ok

6. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM 3/27/2006 BIA not yet

**7. Federal and Indian Units:**

The BLM or BIA has approved the successor of unit operator for wells listed on: 3/27/2006

**8. Federal and Indian Communization Agreements ("CA"):**

The BLM or BIA has approved the operator for all wells listed within a CA on: n/a

9. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, Transfer of Authority to **Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on:

**DATA ENTRY:**

1. Changes entered in the **Oil and Gas Database** on: 5/15/2006

2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 5/15/2006

3. Bond information entered in RBDMS on: 5/15/2006

4. Fee/State wells attached to bond in RBDMS on: 5/16/2006

5. Injection Projects to new operator in RBDMS on:                     

6. Receipt of Acceptance of Drilling Procedures for APD/New on: n/a Name Change Only

**BOND VERIFICATION:**

1. Federal well(s) covered by Bond Number: CO1203

2. Indian well(s) covered by Bond Number: RLB0005239

3. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number RLB0005236

a. The **FORMER** operator has requested a release of liability from their bond on: n/a rider added KMG

The Division sent response by letter on:                     

**LEASE INTEREST OWNER NOTIFICATION:**

4. (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: 5/16/2006

**COMMENTS:**

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0135  
Expires November 30, 2000

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

KERR-McGEE OIL & GAS ONSHORE LP

3a. Address

1368 SOUTH 1200 EAST VERNAL, UT 84078

3b. Phone No. (include area code)

(435) 781-7024

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SEE ATTACHED

5. Lease Serial No.

MULTIPLE LEASES

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.

MUTIPLE WELLS

9. API Well No.

10. Field and Pool, or Exploratory Area

11. County or Parish, State

UINTAH COUNTY, UTAH

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other CHANGE OF OPERATOR
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

PLEASE BE ADVISED THAT KERR-McGEE OIL & GAS ONSHORE LP, IS CONSIDERED TO BE THE OPERATOR OF THE ATTACHED WELL LOCATIONS. EFFECTIVE JANUARY 6, 2006.

KERR-McGEE OIL & GAS ONSHORE LP, IS RESPONSIBLE UNDER TERMS AND CONDITIONS OF THE LEASE(S) FOR THE OPERATIONS CONDUCTED UPON LEASE LANDS. BOND COVERAGE IS PROVIDED BY STATE OF UTAH NATIONWIDE BOND NO. RLB0005237.

RECEIVED

MAY 10 2006

DIV. OF OIL, GAS & MINING

BLM BOND = C01203  
BIA BOND = RLB0005239

APPROVED 5116106

Earlene Russell

Division of Oil, Gas and Mining  
Earlene Russell, Engineering Technician

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

RANDY BAYNE

Title

DRILLING MANAGER

Signature

Date

May 9, 2006

THIS SPACE FOR FEDERAL OR STATE USE

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.

FORM APPROVED  
OMB No. 1004-0135  
Expires November 30, 2000

5. Lease Serial No.

MULTIPLE LEASES

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.

MUTIPLE WELLS

9. API Well No.

10. Field and Pool, or Exploratory Area

11. County or Parish, State

UINTAH COUNTY, UTAH

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

WESTPORT OIL & GAS COMPANY L.P.

3a. Address

1368 SOUTH 1200 EAST VERNAL, UT 84078

3b. Phone No. (include area code)

(435) 781-7024

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SEE ATTACHED

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other CHANGE OF OPERATOR
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

EFFECTIVE JANUARY 6, 2006, WESTPORT OIL & GAS COMPANY L.P., HAS RELINQUISHED THE OPERATORSHIP OF THE ATTACHED WELL LOCATIONS TO KERR-McGEE OIL & GAS ONSHORE LP.

APPROVED 5/16/06  
*Earlene Russell*  
Division of Oil, Gas and Mining  
Earlene Russell, Engineering Technician

RECEIVED  
MAY 10 2006

DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

BRAD LANEY

Title

ENGINEERING SPECIALIST

Signature

Date

May 9, 2006

THIS SPACE FOR FEDERAL OR STATE USE

Approved by

*Brad Laney*

Title

Date

5-9-06

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.



<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>			
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> ML-22649			
<b>1. TYPE OF WELL</b> Gas Well		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>			
<b>2. NAME OF OPERATOR:</b> KERR-MCGEE OIL & GAS ONSHORE, L.P.		<b>7. UNIT or CA AGREEMENT NAME:</b> NATURAL BUTTES			
<b>3. ADDRESS OF OPERATOR:</b> P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779		<b>8. WELL NAME and NUMBER:</b> CIGE 3-32-9-22			
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 2270 FNL 0900 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SENE Section: 32 Township: 09.0S Range: 22.0E Meridian: S		<b>9. API NUMBER:</b> 43047303200000			
<b>PHONE NUMBER:</b> 720 929-6007 Ext		<b>9. FIELD and POOL or WILDCAT:</b> NATURAL BUTTES			
<b>COUNTY:</b> UINTAH		<b>STATE:</b> UTAH			
<b>11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA</b>					
<b>TYPE OF SUBMISSION</b>	<b>TYPE OF ACTION</b>				
<input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start: 3/26/2010  <input type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion:  <input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:  <input type="checkbox"/> <b>DRILLING REPORT</b> Report Date:	<table style="width: 100%; border: none;"> <tr> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> ACIDIZE  <input type="checkbox"/> CHANGE TO PREVIOUS PLANS  <input type="checkbox"/> CHANGE WELL STATUS  <input type="checkbox"/> DEEPEN  <input type="checkbox"/> OPERATOR CHANGE  <input type="checkbox"/> PRODUCTION START OR RESUME  <input type="checkbox"/> REPERFORATE CURRENT FORMATION  <input type="checkbox"/> TUBING REPAIR  <input type="checkbox"/> WATER SHUTOFF  <input type="checkbox"/> WILDCAT WELL DETERMINATION         </td> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> ALTER CASING  <input type="checkbox"/> CHANGE TUBING  <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS  <input type="checkbox"/> FRACTURE TREAT  <input type="checkbox"/> PLUG AND ABANDON  <input type="checkbox"/> RECLAMATION OF WELL SITE  <input type="checkbox"/> SIDETRACK TO REPAIR WELL  <input type="checkbox"/> VENT OR FLARE  <input type="checkbox"/> SI TA STATUS EXTENSION  <input type="checkbox"/> OTHER         </td> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> CASING REPAIR  <input type="checkbox"/> CHANGE WELL NAME  <input type="checkbox"/> CONVERT WELL TYPE  <input type="checkbox"/> NEW CONSTRUCTION  <input type="checkbox"/> PLUG BACK  <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION  <input checked="" type="checkbox"/> TEMPORARY ABANDON  <input type="checkbox"/> WATER DISPOSAL  <input type="checkbox"/> APD EXTENSION            OTHER: _____         </td> </tr> </table>		<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input checked="" type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: _____
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<b>12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.</b> THE OPERATOR REQUESTS AUTHORIZATION TO TEMPORARILY ABANDON THE SUBJECT WELL LOCATION. THE OPERATOR PROPOSES TO TEMPORARILY ABANDON THE WELL TO DRILL THE NBU 922-32H3 PAD, WHICH CONSISTS OF THE NBU 922-32H3AS, NBU 922-32I1CS, NBU 922-32G4CS, NBU 922-32J1DS. PLEASE REFER TO THE ATTACHED TEMPORARILY ABANDON PROCEDURE.					
<b>Approved by the Utah Division of Oil, Gas and Mining</b>  <b>Date:</b> <u>March 31, 2010</u> <b>By:</b> <u><i>Dan K. Quist</i></u>					
<b>NAME (PLEASE PRINT)</b> Andy Lytle	<b>PHONE NUMBER</b> 720 929-6100	<b>TITLE</b> Regulatory Analyst			
<b>SIGNATURE</b> N/A	<b>DATE</b> 3/24/2010				

**RECEIVED** March 24, 2010

CIGE 3-32-9-22  
 2270' FNL & 900' FEL  
 SEC.32, T9S, R22E  
 Uintah County, UT

KBE:	5009'	API NUMBER:	43-047-30320
GLE:	4997'	LEASE NUMBER:	ML-22649
TD:	5800'	WINS#:	72911
PBTD:	5769'	WI:	100.0000%
		NRI:	79.744445%

CASING: 12 1/4" hole  
 9 5/8" 36# K-55@ 230' (GL)  
 Cement w/ 150 sx

7.875" hole  
 4 1/2" 11.6# N-80 @ 5800'  
 Cement w/ 630 sks, TOC @ 2120' per CBL

TUBING: 2 3/8" 4.7# J-55 tubing landed at 5618'

Tubular/Borehole	Drift inches	Collapse psi	Burst psi	Capacities		
				Gal./ft.	Cuft/ft.	Bbl./ft.
2.375" 4.7# J-55 tbg.	1.901	8100	7700	0.1624	0.0217	0.0039
4.5" 11.6# N-80	3.875	6350	7780	0.6528	0.0872	0.0155
9.625" 36# K-55	8.921	2020	3520	3.247	0.434	0.0773
<b>Annular Capacities</b>						
2.375" tbg. X 4 1/2" 11.6# csg				0.4227	0.0565	0.0101
4.5" csg X 9 5/8" 36# csg				2.4192	0.3231	0.0576
4.5" csg X 7.875 borehole				1.704	0.2276	0.0406
9 5/8" csg X 12 1/4" borehole				2.3436	0.3132	0.0558

#### GEOLOGIC INFORMATION:

Formation	Depth to top, ft.
Uinta	Surface
Green River	1216'
Wasatch	4458'

#### Tech. Pub. #92 Base of USDW's

USDW Elevation	1200' MSL
USDW Depth	3809' KBE

**PERFORATIONS:**

Formation	Date	Top	Spf	Status
Wasatch	Jan-78	4546	1	Open
Wasatch	Jan-78	4547	1	Open
Wasatch	Jan-78	4548	1	Open
Wasatch	Jan-78	4818	1	Open
Wasatch	Jan-78	4819	1	Open
Wasatch	Jan-78	4820	1	Open
Wasatch	Jan-78	4954	1	Open
Wasatch	Jan-78	4956	1	Open
Wasatch	Jan-78	4967	1	Open
Wasatch	Jan-78	5454	1	Open
Wasatch	Jan-78	5456	1	Open
Wasatch	Jan-78	5647	1	Open
Wasatch	Jan-78	5649	1	Open
Wasatch	Jan-78	5660	1	Open
Wasatch	Jan-78	5662	1	Open

**WELL HISTORY:**

- Spud Well 11/24/77, TD'd 12/16/77
- Jan '78 – Perf Was zone f/ 4546' – 5662', Acidize w/2000 gal 15% MSR and 52 BS's. Balled out several times. Avg R/P = 6.5 bpm/3500 psi. Frac w/123,000 gal M-T-gel w/45M# 100 mesh and 195 M# 20/40 @ 41 bpm, 4070 psi. ISIP/15 =2100/2050 psi. Tested @ 1.2 MMCFD.
- 2/15/78 - First sales. 900 MCFD. Increased to 1.8 MMCFD, 43 BW by 2/24/78.
- Mar '82 – Water Shut Off, set pkr @ 4748'
- Apr '96 – Reperf 4818 – 5662, cleanout wellbore, install plunger lift equipment, RTP

**Recommended future action for disposition of well bore:**

Temporarily abandon the wellbore during the drilling and completion operations of the NBU 922-32H3 pad wells. Return to production as soon as possible once completions are done.

## **CIGE 3-32-9-22 TEMPORARY ABANDONMENT PROCEDURE**

### **GENERAL**

- H<sub>2</sub>S MAY BE PRESENT. CHECK FOR H<sub>2</sub>S AND TAKE APPROPRIATE PRECAUTIONS.
- CEMENT QUANTITIES BELOW ASSUME NEAT CLASS G, YIELD 1.145 CUFT./SX. IF A DIFFERENT PRODUCT IS USED, WELLSITE PERSONNEL ARE RESPONSIBLE FOR CORRECTING QUANTITIES TO YIELD THE STATED SLURRY VOLUME. WHEN SQUEEZING, INCLUDE 10% EXCESS PER 1000' OF DEPTH.
- TREATED FRESH WATER WILL BE PLACED BETWEEN ALL PLUGS INSTEAD OF BRINE.
- ALL DISPLACEMENT FLUID SHALL CONTAIN CORROSION INHIBITOR AND BIOCIDES. PREMIX 5 GALLONS PER 100 BBLs FLUID.
- NOTIFY UDOGM 24 HOURS BEFORE MOVING ON LOCATION.

### **PROCEDURE**

**Note: An estimated 23 sx Class "G" cement needed for procedure**

**Note: No gyro has been run**

1. MIRU. KILL WELL AS NEEDED. ND WH, NU AND TEST BOPE.
2. PULL TBG & LD SAME. RU WIRELINE AND MAKE A GAUGE RING RUN TO CHECK FOR FILL & PREP FOR GYRO SURVEY.
3. RUN GYRO SURVEY.
4. **PLUG #1, ISOLATE WASATCH PERFORATIONS (4546' - 5662')**: RIH W/ 4 ½" CBP. SET @ ~4496'. RELEASE CBP, PUH 10', BRK CIRC W/ FRESH WATER. PRESSURE TEST CASING TO 500 PSI. INFORM ENGINEERING IF IT DOESN'T TEST. DISPLACE A MINIMUM OF 4.36 CUFT. (~4 CUFT) ON TOP OF PLUG. PUH ABOVE TOC (~4446'). REVERSE CIRCULATE W/ TREATED FRESH WATER.
5. **PLUG #2, PROTECT BASE OF USDW (3809')**: PUH TO ~3909'. BRK CIRC W/ FRESH WATER. DISPLACE A MINIMUM OF 17.44 CUFT (~15 SX) AND BALANCE PLUG W/ TOC @ ~3709' (200' COVERAGE). PUH ABOVE TOC. REVERSE CIRCULATE W/ TREATED FRESH WATER.
6. LOWER WELLHEAD TO GROUND LEVEL TO ACCOMMODATE DRILLING OPS AND INSTALL MARKER PER BLM GUIDELINES.
7. RDMO. TURN OVER TO DRILLING OPERATIONS.

ALM 3/23/10

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> ML-22649
<b>1. TYPE OF WELL</b> Gas Well		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
<b>2. NAME OF OPERATOR:</b> KERR-MCGEE OIL & GAS ONSHORE, L.P.		<b>7. UNIT or CA AGREEMENT NAME:</b> NATURAL BUTTES
<b>3. ADDRESS OF OPERATOR:</b> P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779		<b>8. WELL NAME and NUMBER:</b> CIGE 3-32-9-22
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 2270 FNL 0900 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SENE Section: 32 Township: 09.0S Range: 22.0E Meridian: S		<b>9. API NUMBER:</b> 43047303200000
<b>PHONE NUMBER:</b> 720 929-6007 Ext		<b>9. FIELD and POOL or WILDCAT:</b> NATURAL BUTTES
<b>COUNTY:</b> UTAH		<b>STATE:</b> UTAH
<b>11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA</b>		
<b>TYPE OF SUBMISSION</b>	<b>TYPE OF ACTION</b>	
<input type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start:	<input type="checkbox"/> <b>ACIDIZE</b>	
<input checked="" type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion: 5/27/2010	<input type="checkbox"/> <b>ALTER CASING</b>	
<input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:	<input type="checkbox"/> <b>CASING REPAIR</b>	
<input type="checkbox"/> <b>DRILLING REPORT</b> Report Date:	<input type="checkbox"/> <b>CHANGE TO PREVIOUS PLANS</b>	
	<input type="checkbox"/> <b>CHANGE TUBING</b>	
	<input type="checkbox"/> <b>CHANGE WELL STATUS</b>	
	<input type="checkbox"/> <b>COMMINGLE PRODUCING FORMATIONS</b>	
	<input type="checkbox"/> <b>DEEPEN</b>	
	<input type="checkbox"/> <b>FRACTURE TREAT</b>	
	<input type="checkbox"/> <b>OPERATOR CHANGE</b>	
	<input type="checkbox"/> <b>PLUG AND ABANDON</b>	
	<input type="checkbox"/> <b>PRODUCTION START OR RESUME</b>	
	<input type="checkbox"/> <b>RECLAMATION OF WELL SITE</b>	
	<input type="checkbox"/> <b>REPERFORATE CURRENT FORMATION</b>	
	<input type="checkbox"/> <b>SIDETRACK TO REPAIR WELL</b>	
	<input type="checkbox"/> <b>TUBING REPAIR</b>	
	<input type="checkbox"/> <b>VENT OR FLARE</b>	
	<input type="checkbox"/> <b>WATER SHUTOFF</b>	
	<input type="checkbox"/> <b>SI TA STATUS EXTENSION</b>	
	<input type="checkbox"/> <b>WILDCAT WELL DETERMINATION</b>	
	<input type="checkbox"/> <b>OTHER:</b>	
<b>12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.</b>		
THE OPERATOR HAS CONCLUDED THE TEMPORARY ABANDON OPERATIONS ON THE SUBJECT WELL LOCATION ON 5/25/2010. THE OPERATOR HAS TA'D THE WELL IN ORDER TO DRILL THE THE NBU 922-32H3 PAD, WHICH CONSISTS OF THE NBU 922-32H3AS, NBU 922-32I1CS, NBU 922-32G4CS, NBU 922-32J1DS. PLEASE REFER TO THE ATTACHED TEMPORARILY ABANDON CHRONOLOGICAL WELL HISTORY.		
<div style="text-align: right;"> <b>Accepted by the</b>  <b>Utah Division of</b>  <b>Oil, Gas and Mining</b>  <b>FOR RECORD ONLY</b>          June 01, 2010       </div>		
<b>NAME (PLEASE PRINT)</b> Andy Lytle	<b>PHONE NUMBER</b> 720 929-6100	<b>TITLE</b> Regulatory Analyst
<b>SIGNATURE</b> N/A	<b>DATE</b> 5/28/2010	

**US ROCKIES REGION**  
**Operation Summary Report**

Well: CIGE 3-32				Spud Date:				
Project: UTAH-UINTAH			Site: CIGE 3-32				Rig Name No: MILES 2/2	
Event: ABANDONMENT			Start Date: 5/25/2010				End Date: 5/27/2010	
Active Datum: RKB @0.00ft (above Mean Sea Level)			UWI: CIGE 3-32					
Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation
5/25/2010	12:00 - 16:30	4.50	ABAND	31		P		MIRU, KILL WELL 20 BBLS TMAC, NDWH, NU BOP'S, SWIFN
5/26/2010	7:00 - 7:30	0.50	ABAND	48		P		SCAN TBG
	7:30 - 15:00	7.50	ABAND	31		P		CSG 200#, TBG 200#, KILL WELL WITH 20 BBLS TMAC, RU PRS, SCAN 179 JTS 4.7# J-55 TBG POOH, 28 JTS YB, 6 BB, 145 RB, RD PRS, RU CUTTERS, RIH GAUGE RING TO 4520', POOH LD GAUGE RING , PU CBP, TIH TO 4500', SET CBP. RIH 143 JTS TBG & 1 PUP JT ( 10' ) TO 4,490'. FILL HOLE W/ TMAC WATER & PRESSURE TEST TO 500 PSI. GOOD TEST. SWI SDFN.
5/27/2010	7:00 - 7:30	0.50	ABAND	48				RDMO
	7:30 - 7:30	0.00	ABAND	51				RU PRO PETRO, SET CEMENT PLUGS WITH CLASS G, 1.145 YIELD, 15.8# DENISTY, 4.9 GW/SX. 1 ST PLUG PUMP 2.5 BBLS FRESH WATER, 10 SX, 2 BBLS CEMENT, 11.5 CF, DISPLACE WITH 1 BBL FRESH, 15.8 BBLS TMAC PLUG DEPTH, 4490', POOH LD 18 JTS, 2ND PLUG, 3916' , PUMP 2.5 BBLS FRESH, 15 SX, 3.1 BBLS, 17.25 CF, DISPLACE WITH 1 BBL FRESH, 13.2 BBLS TMAC. RD PRO PETRO, POOH 125 JTS TBG, CAP WELL, RDMO TO CIGE 36D

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>			
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> ML-22649			
<b>1. TYPE OF WELL</b> Gas Well		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>  			
<b>2. NAME OF OPERATOR:</b> KERR-MCGEE OIL & GAS ONSHORE, L.P.		<b>7. UNIT or CA AGREEMENT NAME:</b> NATURAL BUTTES			
<b>3. ADDRESS OF OPERATOR:</b> P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779		<b>8. WELL NAME and NUMBER:</b> CIGE 3-32-9-22			
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 2270 FNL 0900 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SENE Section: 32 Township: 09.0S Range: 22.0E Meridian: S		<b>9. API NUMBER:</b> 43047303200000			
<b>10. FIELD and POOL or WILDCAT:</b> NATURAL BUTTES		<b>COUNTY:</b> UINTAH			
<b>11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA</b>		<b>STATE:</b> UTAH			
<b>TYPE OF SUBMISSION</b>  <input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start: 6/1/2011  <input type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion:  <input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:  <input type="checkbox"/> <b>DRILLING REPORT</b> Report Date:	<b>TYPE OF ACTION</b>  <table style="width: 100%; border: none;"> <tr> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> ACIDIZE  <input type="checkbox"/> CHANGE TO PREVIOUS PLANS  <input type="checkbox"/> CHANGE WELL STATUS  <input type="checkbox"/> DEEPEN  <input type="checkbox"/> OPERATOR CHANGE  <input type="checkbox"/> PRODUCTION START OR RESUME  <input type="checkbox"/> REPERFORATE CURRENT FORMATION  <input type="checkbox"/> TUBING REPAIR  <input type="checkbox"/> WATER SHUTOFF  <input type="checkbox"/> WILDCAT WELL DETERMINATION         </td> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> ALTER CASING  <input type="checkbox"/> CHANGE TUBING  <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS  <input type="checkbox"/> FRACTURE TREAT  <input type="checkbox"/> PLUG AND ABANDON  <input type="checkbox"/> RECLAMATION OF WELL SITE  <input type="checkbox"/> SIDETRACK TO REPAIR WELL  <input type="checkbox"/> VENT OR FLARE  <input type="checkbox"/> SI TA STATUS EXTENSION  <input checked="" type="checkbox"/> OTHER         </td> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> CASING REPAIR  <input type="checkbox"/> CHANGE WELL NAME  <input type="checkbox"/> CONVERT WELL TYPE  <input type="checkbox"/> NEW CONSTRUCTION  <input type="checkbox"/> PLUG BACK  <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION  <input checked="" type="checkbox"/> TEMPORARY ABANDON  <input type="checkbox"/> WATER DISPOSAL  <input type="checkbox"/> APD EXTENSION  <b>OTHER:</b> <span style="border: 1px solid black; padding: 2px;">Extension Request</span> </td> </tr> </table>		<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input checked="" type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input checked="" type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION <b>OTHER:</b> <span style="border: 1px solid black; padding: 2px;">Extension Request</span>
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<b>12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.</b> <p>The subject well was temporarily abandoned on 05/25/2010 in order to expand and drill the NBU 922-32H3 pad and associated wells. Due to this well's proximity to the open reserve pit and difficulty to rig up a workover rig, the operator requests that the temporary abandonment status be extended for one year on this well. The operator plans on moving a workover rig onto location to return this well to production once the reserve pit has been backfilled and reclaimed within the next few months. A mechanical integrity test was conducted on this well on 05/25/2011 and the results are attached to this sundry notice. Please contact the undersigned if you have any questions and/or concerns.</p> <div style="text-align: right; margin-top: 20px;"> <p style="color: red; font-weight: bold;">Approved by the Utah Division of Oil, Gas and Mining</p> <p style="color: red; font-weight: bold;">Date: 06/20/2011</p> <p style="color: red; font-weight: bold;">By: <u><i>Dan K. Quist</i></u></p> </div>					
<b>NAME (PLEASE PRINT)</b> Andy Lytle		<b>PHONE NUMBER</b> 720 929-6100			
<b>SIGNATURE</b> N/A		<b>TITLE</b> Regulatory Analyst			
<b>DATE</b> 5/27/2011					

Please Review Attached Conditions of Approval

RECEIVED May. 27, 2011



**The Utah Division of Oil, Gas, and Mining**

- State of Utah
- Department of Natural Resources

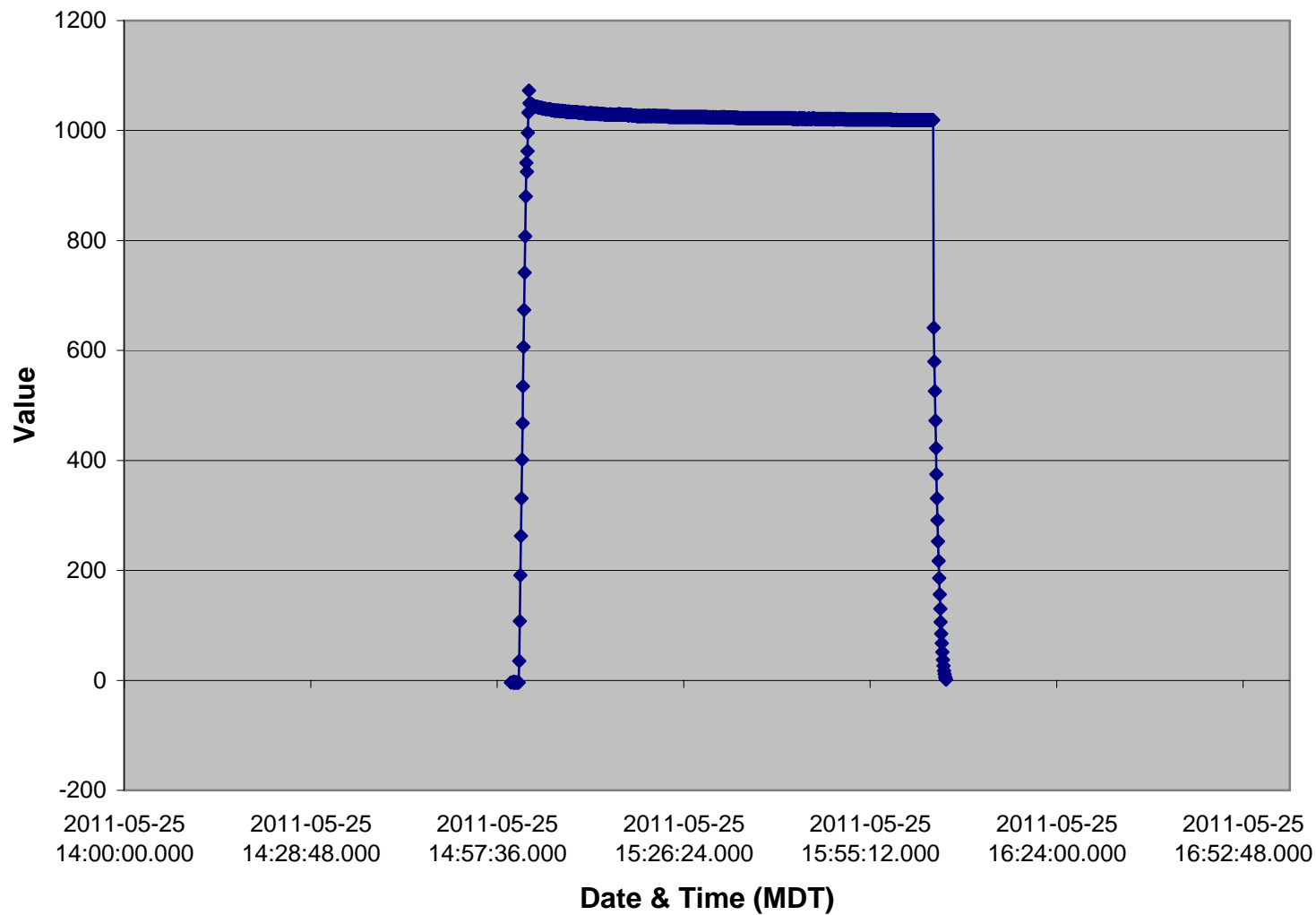
**Electronic Permitting System - Sundry Notices**

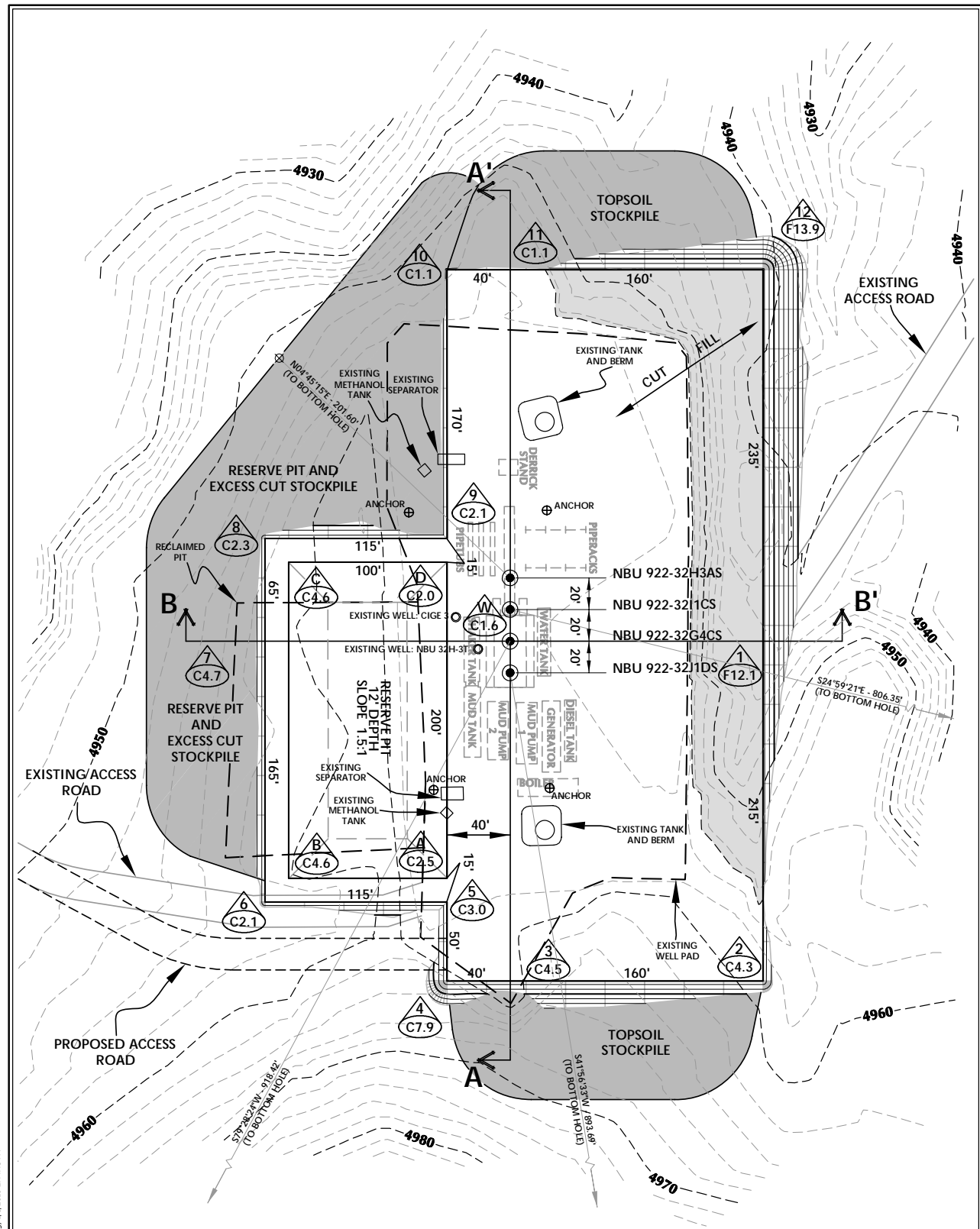
**Sundry Conditions of Approval Well Number 43047303200000**

**Approval valid through 6/1/2012.**



# Cige-3





### WELL PAD - NBU 922-32H3 DESIGN SUMMARY

EXISTING GRADE @ CENTER OF WELL PAD = 4956.2'  
 FINISHED GRADE ELEVATION = 4954.6'  
 CUT SLOPES = 1.5:1  
 FILL SLOPES = 1.5:1  
 TOTAL WELL PAD AREA = 3.02 ACRES  
 TOTAL DAMAGE AREA = 6.58 ACRES  
 SHRINKAGE FACTOR = 1.10  
 SWELL FACTOR = 1.00

#### WELL PAD QUANTITIES

TOTAL CUT FOR WELL PAD = 10,357 C.Y.  
 TOTAL FILL FOR WELL PAD = 8,718 C.Y.  
 TOPSOIL @ 6" DEPTH = 1,306 C.Y.  
 EXCESS MATERIAL = 1,639 C.Y.

#### RESERVE PIT QUANTITIES

TOTAL CUT FOR RESERVE PIT  
 +/- 6,680 CY  
 RESERVE PIT CAPACITY (2' OF FREEBOARD)  
 +/- 25,330 BARRELS

Kerr-McGee Oil & Gas Onshore, LP  
 1099 18th Street - Denver, Colorado 80202

WELL PAD - NBU 922-32H3

WELL PAD - LOCATION LAYOUT  
 NBU 922-32H3AS, NBU 922-32I1CS,  
 NBU 922-32G4CS & NBU 922-32I1DS  
 LOCATED IN SECTION 32, T9S, R22E,  
 S.L.B.&M., UINTAH COUNTY, UTAH



CONSULTING, LLC  
 371 Coffeen Avenue  
 Sheridan, WY 82801  
 Phone 307-674-0609  
 Fax 307-674-0182

TIMBERLINE  
 ENGINEERING & LAND SURVEYING, INC.  
 209 NORTH 300 WEST - VERNAL, UTAH 84078  
 (435) 789-1365

**WELL PAD LEGEND**

- EXISTING WELL LOCATION
- PROPOSED WELL LOCATION
- PROPOSED BOTTOM HOLE LOCATION
- EXISTING CONTOURS (2' INTERVAL)
- PROPOSED CONTOURS (2' INTERVAL)



HORIZONTAL 0 30 60 1" = 60'  
 2' CONTOURS

Scale: 1" = 60' Date: 1/08/10 SHEET NO: 6 6 OF 15

RECEIVED May 27, 2011



GARY R. HERBERT  
Governor

GREGORY S. BELL  
Lieutenant Governor

# State of Utah

## DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER  
Executive Director

### Division of Oil, Gas and Mining

JOHN R. BAZA  
Division Director

January 26, 2012

CERTIFIED MAIL NO.: 7011 0110 0001 3568 1731

Ms. Julie Jacobson  
Kerr McGee Oil and Gas  
1099 18<sup>th</sup> Street, Suite 1800  
Denver, CO 80202

43 047 30320  
CIGE 3-32-9-22  
9S 22E 32

Subject: **SECOND NOTICE: Extended Shut-in and Temporarily Abandoned Well Requirements for Wells on Fee or State Leases**

Dear Ms. Jacobson:

As of January 2012, Kerr McGee Oil and Gas (Kerr McGee) has sixteen (16) State Lease Wells (see Attachment A) that are in non-compliance with the requirements for extended shut-in or temporarily abandoned (SI/TA) status. Wells SI/TA beyond twelve (12) consecutive months requires the filing of a Sundry Notice in accordance with R649-3-36-1 for Utah Division of Oil, Gas & Mining (Division) approval. Wells with five (5) years non-activity or non-productivity shall be plugged, unless the Division grants approval for extended shut-in time upon a showing of good cause by the operator (R649-3-36-1.3.3).

This a **THIRD NOTICE** of non-compliance for NBU 1022-1314S which had a re-issued second notice on April 14, 2011. Later an approval to PA on April 19, 2011 was signed by the Division.

This is the **SECOND NOTICE** of non-compliance that Kerr McGee has received for wells listed as such on Attachment A. These wells received a first notice on April 14, 2011. Additional correspondence from Kerr McGee was received in May and June. Three (3) of the aforementioned wells (Attachment A) had previously been granted SI/TA extensions which have since expired.

This is also **FIRST NOTICE** for wells that have recently been added to Kerr McGee's non compliance list. Please submit the required information for extended SI/TA status within 30 days of this notice or further actions will be initiated.



Page 2  
Kerr McGee Oil and Gas  
January 26, 2012

For extended SI/TA consideration the operator shall provide the Utah Division of Oil, Gas & Mining with the following:

1. Reasons for SI/TA of the well (R649-3-36-1.1).
2. The length of time the well is expected to be SI/TA (R649-3-36-1.2), and
3. An explanation and supporting data if necessary, for showing the well has integrity, meaning that the casing, cement, equipment condition, static fluid level, pressure, existence or absence of Underground Sources of Drinking Water and other factors do not make the well a risk to public health and safety or the environment (R649-3-36-1.3).

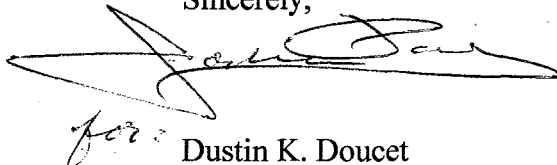
Please note that the Divisions preferred method for showing well integrity is by MIT

Submitting the information suggested below may help show well integrity and may help qualify your well for extended SI/TA. **Note: As of July 1, 2003, wells in violation of the SI/TA rule R649-3-36 may be subject to full cost bonding (R649-3-1-4.2, 4.3).**

1. Wellbore diagram, and
2. Copy of recent casing pressure test, and
3. Current pressures on the wellbore (tubing pressure, casing pressure, and casing/casing annuli pressure) showing wellbore has integrity, and
4. Fluid level in the wellbore, and
5. An explanation of how the submitted information proves integrity.

If the required information is not received within 30 days of the date of this notice, further actions may be initiated. If you have any questions concerning this matter, please contact me at (801) 538-5281.

Sincerely,



for: Dustin K. Doucet  
Petroleum Engineer

DKD/JP/js  
Enclosure  
cc: Compliance File  
Well File  
LaVonne Garrison, SITLA

# ATTACHMENT A

	Well Name	API	LEASE	Years Inactive	SI/TA Extension Expired On
<b>3<sup>RD</sup> NOTICE</b>					
1	NBU 1022-13I4S	43-047-39475	STUO-08512-ST	4 Years 2 Months	12/31/2010
<b>2<sup>ND</sup> NOTICE</b>					
2	BONANZA 1023-16J	43-047-37092	ML-22186-A	4 Years 10 Months	12/31/2011
3	NBU 921-34J	43-047-37953	STATE	4 Years 6 Months	9/01/2009
4	NBU 921-34L	43-047-36388	STUO-1194-A	2 Years 9 Months	
5	NBU 921-33J	43-047-36394	STOU-015630	2 Years 11 Months	
<b>1<sup>ST</sup> NOTICE</b>					
6	UTE TRAIL U 88X2G	43-047-15389	ML-3352	1 Year 6 Months	
7	CIGE 3-32-9-22	43-047-30320	ML-22649	1 Year 8 Months	
8	NBU 31-12B	43-047-30385	ML-01197-A	1 Year 10 Months	
9	CIGE 51D	43-047-30889	U-01530-ST	1 Year 6 Months	
10	NBU 69N2	43-047-31090	U-01194-ST	1 Year	
11	NBU 97	43-047-31744	U-01189-ST	1 Year 1 Month	
12	BONANAZA 1023-2I	43-047-35663	ML-47062	1 Year 5 Months	
13	NBU 921-25D	43-047-36700	UO-01189-ST	1 Year 2 Months	
14	NBU 565-30E	43-047-37533	ML-22793	1 Year 11 Months	
15	STATE 1021-36D	43-047-38845	ML-47060	1 Year 5 Months	
16	NBU 661-24E	43-047-50011	ML-22790	1 Year 8 Months	



February 23, 2012

Dustin K. Doucet  
Petroleum Engineer  
Division of Natural Resources, Division of Oil, Gas and Mining  
State of Utah  
PO Box 145801  
Salt Lake City UT 84114-5801

Dear Mr. Doucet:

We are in receipt of your letters dated January 26, 2012, regarding the shut-in and temporarily abandoned status of wells operated by Kerr McGee Oil and Gas.

The attached list explains the status of each well referenced in your January 26, 2012, letters.

Please do not hesitate to contact me if you have any questions or concerns. I can be reached at 720-929-6515.

Sincerely,

A handwritten signature in black ink, appearing to read "Julie A. Jacobson".

Julie A. Jacobson  
Regulatory Affairs Supervisor

Attachment

**RECEIVED**  
**FEB 23 2012**  
DIV. OF OIL, GAS & MINING

23-Feb-12

## UDOGM LETTER(S)

WELL	API	Lease	Comment
UTAH 10-415	43-015-30391	ML-48189	P&A procedure planned to be submitted
NBU 1022-13I4S	43-047-39475	STUO-08512-ST	P&A procedure approved in June 2011; work completed by April 11, 2012
Bonanza 1023-16J	43-047-37092	ML-22186-A	TA approved on 4/19/2011; considering use of wellbore
NBU 921-34J	43-047-37953	STATE	June 2011 approved to convert to Birds Nest; convert by July 1, 2012
NBU 921-34L	43-047-36388	STUO-1194-A	June 2011 approved to convert to Birds Nest; convert by July 1, 2012
NBY 921-33J	43-047-36394	STUO-015630	Recompleted approved June 2011; on schedule
UTE Trail U88X2G	43-047-15389	ML-3352 (ML13826??)	Decision on well by May 1, 2012
CIGE 3-32-9-22	43-047-30320	ML-22649	Waiting for ground from recent activities to settle and then will put well back on production
NBU 31-12B	43-047-30385	ML-01197	Return to production by 5/1/2012
CIGE 51D	43-047-30889	U-01530-ST	P&A procedure approved; will plug this year
NBU 69N2	43-047-31090	U-01194-ST	Under review
NBU 97	43-047-31744	U-01189-ST	TA'd due to pressure monitor; pad completion aroun 9/1/2012
BONANZA 1023-2I	43-047-35663	ML-47062	work over scheduled 6/1/2012
NBU 921-25D	43-047-36700	UO-001189	TA'd due to pressure monitor; expected to drill out around 9/1/2012
NBU 565-30E	43-047-37533	ML-22793	P&A producer approved; work will be completed 7/18/2012
STATE 1021-36D	43-047-38845	ML-47060	producing (as of 12/28/2011)
NBU 661-24E	43-047-50011	ML-22790	producing (as of 12/28/2011)

RECEIVED  
FEB 23 2012  
DIV. OF OIL, GAS & MINING

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> ML-22649
<b>1. TYPE OF WELL</b> Gas Well		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
<b>2. NAME OF OPERATOR:</b> KERR-MCGEE OIL & GAS ONSHORE, L.P.		<b>7. UNIT or CA AGREEMENT NAME:</b> NATURAL BUTTES
<b>3. ADDRESS OF OPERATOR:</b> P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779		<b>8. WELL NAME and NUMBER:</b> CIGE 3-32-9-22
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 2270 FNL 0900 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SENE Section: 32 Township: 09.0S Range: 22.0E Meridian: S		<b>9. API NUMBER:</b> 43047303200000
<b>PHONE NUMBER:</b> 720 929-6514		<b>9. FIELD and POOL or WILDCAT:</b> NATURAL BUTTES
<b>COUNTY:</b> UINTAH		<b>STATE:</b> UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
<b>TYPE OF SUBMISSION</b>	<b>TYPE OF ACTION</b>	
<input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start: <b>5/29/2012</b>  <input type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion:  <input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:  <input type="checkbox"/> <b>DRILLING REPORT</b> Report Date:	<div style="display: flex; flex-wrap: wrap;"> <div style="width: 33%;"> <input type="checkbox"/> ACIDIZE  <input type="checkbox"/> CHANGE TO PREVIOUS PLANS  <input type="checkbox"/> CHANGE WELL STATUS  <input type="checkbox"/> DEEPEN  <input type="checkbox"/> OPERATOR CHANGE  <input type="checkbox"/> PRODUCTION START OR RESUME  <input type="checkbox"/> REPERFORATE CURRENT FORMATION  <input type="checkbox"/> TUBING REPAIR  <input type="checkbox"/> WATER SHUTOFF  <input type="checkbox"/> WILDCAT WELL DETERMINATION         </div> <div style="width: 33%;"> <input type="checkbox"/> ALTER CASING  <input type="checkbox"/> CHANGE TUBING  <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS  <input type="checkbox"/> FRACTURE TREAT  <input checked="" type="checkbox"/> PLUG AND ABANDON  <input type="checkbox"/> RECLAMATION OF WELL SITE  <input type="checkbox"/> SIDETRACK TO REPAIR WELL  <input type="checkbox"/> VENT OR FLARE  <input type="checkbox"/> SI TA STATUS EXTENSION  <input type="checkbox"/> OTHER         </div> <div style="width: 33%;"> <input type="checkbox"/> CASING REPAIR  <input type="checkbox"/> CHANGE WELL NAME  <input type="checkbox"/> CONVERT WELL TYPE  <input type="checkbox"/> NEW CONSTRUCTION  <input type="checkbox"/> PLUG BACK  <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION  <input type="checkbox"/> TEMPORARY ABANDON  <input type="checkbox"/> WATER DISPOSAL  <input type="checkbox"/> APD EXTENSION         </div> </div>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.  The operator requests authorization to plug and abandon the subject well location. This well is currently temporarily abandoned. After further analysis, the operator would like to permanently plug and abandon the subject well. Attached is the plug and abandonment procedure.		
<b>Approved by the</b> <b>Utah Division of</b> <b>Oil, Gas and Mining</b>  <b>Date:</b> August 07, 2012 <b>By:</b> <u>Derek Duff</u>		
<b>NAME (PLEASE PRINT)</b> Jaime Scharnowske		<b>PHONE NUMBER</b> 720 929-6304
<b>SIGNATURE</b> N/A		<b>TITLE</b> Regulatory Analyst
<b>DATE</b> 5/29/2012		





**The Utah Division of Oil, Gas, and Mining**

- State of Utah  
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

**Sundry Conditions of Approval Well Number 43047303200000**

- 1. Notify the Division at least 24 hours prior to conducting abandonment operations. Please call Dan Jarvis at 801-538-5338.**
- 2. Amend Plug #4: Establish circulation down the 4 ½" casing back up the 4 ½" x 9 5/8" annulus. If injection into the perfs cannot be established a 200' plug (±16 sx) shall be balanced from ±2220' to 2020'. If injection is established: RIH with CICR and set @ 2120' (50' above perfs). . M&P 74 sx cement as proposed, sting into CICR pump 62 sx, sting out and dump 12 sx on top of CICR.**
- 3. Amend Plug #5: Establish circulation down the 4 ½" casing back up the 4 ½" x 9 5/8" annulus. If injection into the perfs cannot be established a 200' plug (±16 sx) shall be balanced from ±1750' to 1550'. If injection is established: RIH with CICR and set @ 1650' (50' above perfs). . M&P 71 sx cement as proposed, sting into CICR pump 59 sx, sting out and dump 12 sx on top of CICR.**
- 4. Amend Plug #6: Establish circulation down the 4 ½" casing back up the 4 ½" x 9 5/8" annulus. If injection into the perfs cannot be established a 200' plug (±16 sx) shall be balanced from ±1350' to 1150'. If injection is established: RIH with CICR and set @ 1270' (50' above perfs). . M&P 68 sx cement as proposed, sting into CICR pump 56 sx, sting out and dump 12 sx on top of CICR. This will isolate the top of the Parachute Creek Member as required by Cause 190-5(B).**
- 5. All balanced plugs shall be tagged to ensure that they are at the depth specified.**
- 6. All annuli shall be cemented from a minimum depth of 100' to the surface.**
- 7. Surface reclamation shall be done in accordance with R649-3-34 – Well Site Restoration.**
- 8. All requirements in the Oil and Gas Conservation General Rule R649-3-24 shall apply.**
- 9. If there are any changes to the procedure or the wellbore configuration, notify Dustin Doucet at 801-538-5281 (ofc) or 801-733-0983 (home) prior to continuing with the procedure.**
- 10. All other requirements for notice and reporting in the Oil and Gas Conservation General Rules shall apply.**

5/31/2012

## Wellbore Diagram

r263

API Well No: 43-047-30320-00-00

Permit No:

Well Name/No: CIGE 3-32-9-22

Company Name: KERR-MCGEE OIL &amp; GAS ONSHORE, L.P.

Location: Sec: 32 T: 9S R: 22E Spot: SENE

Coordinates: X: 631659 Y: 4428165

Field Name: NATURAL BUTTES

County Name: UINTAH

## String Information

String	Bottom (ft sub)	Diameter (inches)	Weight (lb/ft)	Length (ft)
SURF	230	9.625	36	
PROD	5801	4.5	11.6	
T1	5209	2.375		

Plug # 7  
 IN -  $300' / (1.15 \times 0.0872) = 235 \text{ SX}$   
 OUT -  $CSG - 230' / (1.15 \times 0.3436) = 69 \text{ SX}$   
 HOLE -  $70' / (1.15 \times 0.2277) = 14 \text{ SX}$

Amend Plug # 6

part @ 1320' \* CIRC @ 1270'  
 IN -  $50' / (1.15 \times 0.0872) = 4 \text{ SX}$   
 OUT -  $200' / (1.15 \times 0.2277) = 40 \text{ SX}$   
 ABOVE IN -  $150' / (1.15 \times 0.0872) = 11 \text{ SX}$

Amend Plug # 5

\* perf @ 1700' CIRC @ 1650'  
 BELOW IN -  $50' / (1.15 \times 0.0872) = 4 \text{ SX}$   
 OUT -  $200' / (1.15 \times 0.2988) = 52 \text{ SX}$   
 ABOVE IN -  $150' / (1.15 \times 0.0872) = 11 \text{ SX}$

## Cement Information

String	BOC (ft sub)	TOC (ft sub)	Class	Sacks
PROD	5801	2120	UK	630
SURF	150	0		

67 SX Req

Propose 71 SX VOK

Amend Plug # 4

\* Perf @ 2170' CIRC @ 2120'  
 Below IN -  $50' / (1.15 \times 0.0872) = 4 \text{ SX}$   
 OUT -  $210' / (1.15 \times 0.2988) = 55 \text{ SX}$   
 Above IN -  $160' / (1.15 \times 0.0872) = 12 \text{ SX}$

71 SX Required

Propose 74 SX VOK

## Perforation Information

Top (ft sub)	Bottom (ft sub)	Shts/Ft	No Shts	Dt Squeeze
4546	5662			

Plug # 3

$220' / (1.15 \times 0.0872) = 17 \text{ SX}$   
 VOK

Plug # 2

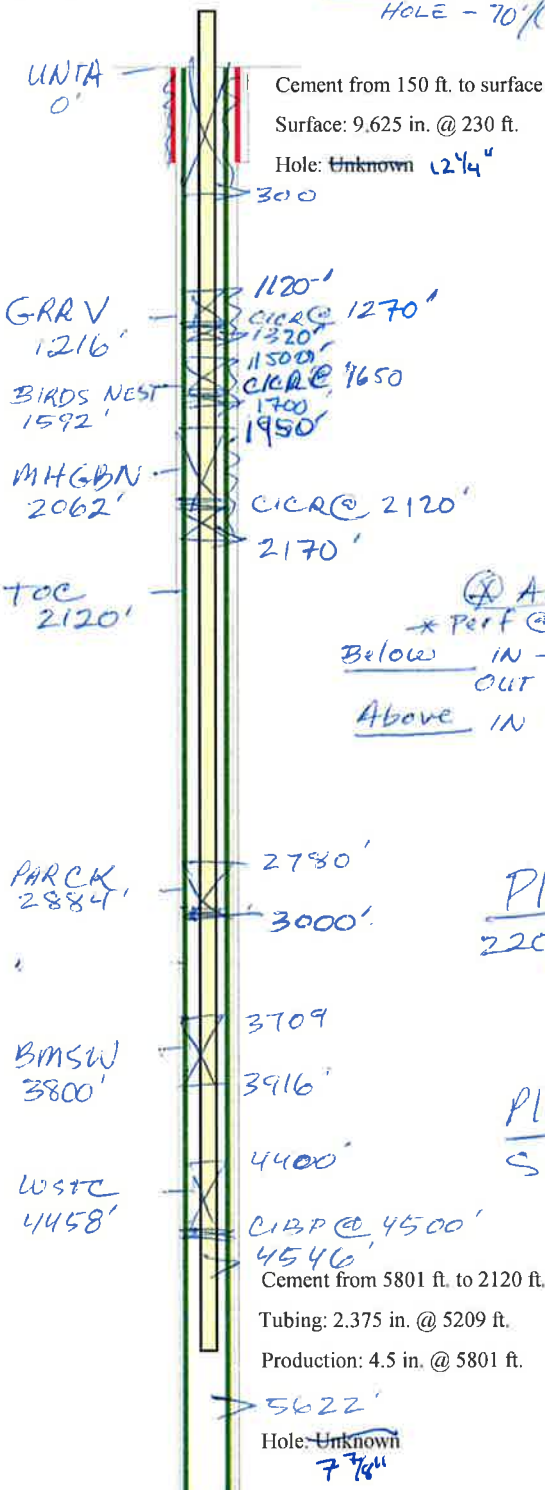
Set 5/27/2010

## Formation Information

Formation	Depth
GRRV	1216
MHGBN	2062
PARCK	2884
BMSW	3800
WSTC	4458

Plug # 1

Set 5/27/2010



TD: 5800 TVD: PBD: 5800

CIGE 3-32-9-22  
 2270 FNL & 900 FEL  
 SENE SEC. 32, T9S, R22E  
 Uintah County, UT

KBE: 5009' API NUMBER: 4304730320  
 GLE: 4997' LEASE NUMBER: ML-22649  
 TD: 5800'  
 PBTD: 3709' (CMT PLUG)

CASING : 12 1/4" hole  
 9 5/8" 36# K-55 @ 230'(GL)  
 Cemented w/150 sx, TOC @ Surface

7.875" hole  
 4 1/2" 11.6# N-80 @ 5801'  
 TOC @ 2120' per CBL

PERFORATIONS: Wasatch 4546' – 5662'

TUBING: No tubing in hole, TA'd 5/27/2010

Tubular/Borehole	Drift inches	Collapse psi	Burst psi	Capacities		
				Gal./ft.	Cuft/ft.	Bbl./ft.
2.375" 4.7# J-55 tbg.	1.901	8100	7700	0.1624	0.0217	0.0039
4.5" 11.6# N-80	3.875	6350	7780	0.6528	0.0872	0.0155
9.625" 36# K-55	8.921	2020	3520	3.247	0.434	0.0773
<b>Annular Capacities</b>						
2.375" tbg. X 4 1/2" 11.6# csg				0.4227	0.0565	0.0101
4.5" csg X 9 5/8" 36# csg				2.227	0.2977	0.053
4.5" csg X 7.875 borehole				1.704	0.2276	0.0406
9 5/8" csg X 12 1/4" borehole				2.3436	0.3132	0.0558

#### GEOLOGIC INFORMATION:

Formation	Depth to top, ft.
Uinta	Surface
Green River	1216'
Bird's Nest	1592'
Mahogany	2062'
Base of Parachute	2884'
Wasatch	4458'

#### Tech. Pub. #92 Base of USDW's

USDW Elevation ~1200' MSL  
 USDW Depth ~3809' KBE

CIGE 3-32-9-22 PLUG & ABANDONMENT PROCEDURE

**GENERAL**

- H<sub>2</sub>S MAY BE PRESENT. CHECK FOR H<sub>2</sub>S AND TAKE APPROPRIATE PRECAUTIONS.
- CEMENT QUANTITIES BELOW ASSUME NEAT CLASS G, YIELD 1.145 CUFT./SX. IF A DIFFERENT PRODUCT IS USED, WELLSITE PERSONNEL ARE RESPONSIBLE FOR CORRECTING QUANTITIES TO YIELD THE STATED SLURRY VOLUME. WHEN SQUEEZING, INCLUDE 10% EXCESS PER 1000' OF DEPTH.
- TREATED FRESH WATER WILL BE PLACED BETWEEN ALL PLUGS INSTEAD OF BRINE.
- ALL DISPLACEMENT FLUID SHALL CONTAIN CORROSION INHIBITOR AND BIOCIDES. PREMIX 5 GALLONS PER 100 BBLs FLUID.
- NOTIFY BLM 24 HOURS BEFORE MOVING ON LOCATION.
- A GPS READING WILL NEED TO BE TAKEN AT THE WELL SITE AND RECORDED IN OPENWELLS. PLEASE TAKE IT TO THE 6TH DECIMAL PLACE.

**PROCEDURE**

**Note:** An estimated 344 sx Class "G" cement needed for procedure. Cement calculations for plugs 4, 5, & 6 include 10% excess per 1000' depth.

**Note:** No Gyro was run on this well

**Note:** Wellbore has existing CIBP & CMT plugs to 3709'. Procedure will continue uphole from that point.

1. MIRU. KILL WELL AS NEEDED. ND WH, NU AND TEST BOPE.
2. RU WIRELINE AND MAKE A GAUGE RING RUN TO CHECK FOR FILL. A GPS READING WILL NEED TO BE TAKEN AT THE WELL SITE AND RECORDED IN OPENWELLS. PLEASE TAKE IT TO THE 6TH DECIMAL PLACE.
3. RUN GYRO SURVEY.
4. **PLUG #3, PROTECT BASE OF PARACHUTE MEMBER (~2884')**: PUH TO ~3000'. BRK CIRC W/ FRESH WATER. DISPLACE **17 SX / 3.4 BBL / 19.2 CUFT.** AND BALANCE PLUG W/ TOC @ ~2780' (220' COVERAGE). PUH ABOVE TOC. REVERSE CIRCULATE W/ TREATED WATER.
5. **PLUG #4, PROTECT TOP OF MAHOGANY (2062')**: RIH W/ WIRELINE & PERFORATE @ ~2170' W/ 4 SPF. POOH. PU & RIH W/ 4 ½" CIRC, SET @ ~1950'. RIH W/ TBG & STING INTO CIRC & SQUEEZE PERFS W/ APPROXIMATELY **74 SX / 15.0 BBL / 84.5 CUFT.** OR SUFFICIENT VOLUME TO FILL CSG & ANNULUS TO 1950'. STING OUT OF CIRC AND SPOT **4 SX / 0.8 BBL / 4.4 CUFT.** CMT ON TOP OF CIRC. BRK CIRC W/ FRESH WATER. POOH ABOVE TOC (~1900'). REVERSE CIRCULATE W/ TREATED FRESH WATER.
6. **PLUG #5, PROTECT TOP OF BIRD'S NEST (~1592')**: RIH W/ WIRELINE & PERFORATE @ ~1700' W/ 4 SPF. POOH. PU & RIH W/ 4 ½" CIRC, SET @ ~1490'. RIH W/ TBG & STING INTO CIRC & SQUEEZE PERFS W/ APPROXIMATELY **71 SX / 14.4 BBL / 81.0 CUFT.** OR SUFFICIENT VOLUME TO FILL CSG & ANNULUS TO 1490'. STING OUT OF CIRC AND SPOT **4 SX / 0.8 BBL / 4.4 CUFT.** CMT ON TOP OF CIRC. BRK CIRC W/ FRESH WATER. POOH ABOVE TOC (~1440'). REVERSE CIRCULATE W/ TREATED FRESH WATER.
7. **PLUG #6, PROTECT TOP OF GREEN RIVER (1216')**: RIH W/ WIRELINE & PERFORATE @ ~1320' W/ 4 SPF. POOH. PU & RIH W/ 4 ½" CIRC, SET @ ~1100'. RIH W/ TBG & STING INTO CIRC & SQUEEZE PERFS W/ APPROXIMATELY **68 SX / 13.8 BBL / 77.6 CUFT.** OR SUFFICIENT VOLUME TO FILL CSG & ANNULUS TO 1100'. STING OUT OF CIRC AND SPOT **4 SX / 0.8 BBL / 4.4 CUFT.** CMT ON TOP OF CIRC. BRK CIRC W/ FRESH WATER. POOH ABOVE TOC (~1050'). REVERSE CIRCULATE W/ TREATED FRESH WATER.
8. **PLUG #7, PROTECT SURFACE CSG SHOE (242' KB) & FILL SURFACE HOLE:** POOH. RIH W/ WIRELINE, PERFORATE @ 300' W/ 4 SPF. POOH W/ WIRELINE. RU CEMENT SERVICE TO PROD CSG. PUMP **102 SX / 20.8 BBL / 117.0 CUFT** OR SUFFICIENT VOLUME TO FILL ANNULUS AND CASING TO SURFACE.

9. CUT OFF WELLHEAD AND INSTALL MARKER PER BLM GUIDELINES.
10. RDMO. TURN OVER TO OPERATIONS FOR SURFACE REHAB. SURFACE RECLAMATION TO BE PERFORMED IN ACCORDANCE TO REGULATIONS.

ALM 5/17/12



GARY R. HERBERT  
Governor

SPENCER J. COX  
Lieutenant Governor

# State of Utah

## DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER  
Executive Director

### Division of Oil, Gas and Mining

JOHN R. BAZA  
Division Director

September 4, 2014

CERTIFIED MAIL NO.: 7011 2970 0001 8828 1634

Mr. Andy Lytle  
Kerr-McGee Oil and Gas Onshore  
1099 18<sup>TH</sup> Street  
Denver, CO 80202

43 047 30320  
UGF 3-32-9-22  
32 95 22E

Subject: Extended Shut-in and Temporary Abandoned Well Requirements for Fee or State Leases

Dear Mr. Lytle:

As of April 2014, Kerr-McGee Oil and Gas Onshore (Kerr-McGee) has nineteen (19) State Lease Wells and one (1) Fee Lease Well (see attachment A) that are currently in non-compliance with the requirements for extended shut-in or temporarily abandoned (SI/TA) status. Thirteen (13) wells were added to Kerr-McGee's SI/TA list in 2014.

Seven (7) of these wells (attachment A) have previously been issued notices of non-compliance and have remained in non-compliance. Three (3) of these wells (attachment A) have been shut-in beyond five (5) years and are cause for concern due to unknown status of well integrity. The Division acknowledges that Kerr-McGee has plans to plug two (2) of the wells listed (attachment A) and has approved plugging procedures.

Kerr-McGee shall submit plans for each well stating which wells will be plugged with accompanying procedures, placed back on production, or requesting SI/TA extension with proof of wellbore integrity and good cause for such request. All wells need an individual sundry filed and are required to meet the SI/TA rules as listed below.



Wells SI/TA beyond twelve (12) consecutive months requires filing a Sundry Notice (R649-3-36-1). Wells with five (5) years non-activity or non-productivity shall be plugged, unless the Division grants approval for extended shut-in time upon a showing of good cause by the operator (649-3-36-1.3.3). For extended SI/TA consideration the operator shall provide the Utah Division of Oil, Gas & Mining with the following:

1. Reasons for SI/TA of the well (R649-3-36-1.1)
2. The length of time the well is expected to be SI/TA (R649-3-36-1.2), and
3. An explanation and supporting data if necessary, for showing the well has integrity, meaning that the casing, cement, equipment condition, static fluid level, pressure, existence or absence of Underground Sources of Drinking Water and other factors do not make the well a risk to public health and safety or the environment (R649-3-36-1.3).

Please note that the Divisions preferred method for showing well integrity is by MIT

Submitting the information suggested below may help show well integrity and may help qualify your well for extended SI/TA. **Note: As of July 1, 2003, wells in violation of the SI/TA rule R649-3-36 may be subject to full cost bonding (R649-3-1-4.2, 4.3).**

1. Wellbore diagram, and
2. Copy of recent casing pressure test, and
3. Current pressures on the wellbore (tubing pressure, casing pressure, and casing/casing annuli pressure) showing wellbore has integrity, and
4. Fluid level in the wellbore, and
5. An explanation of how the submitted information proves integrity.

If the required information is not received within 30 days of the date of this notice, further actions may be initiated. If you have any questions concerning this matter, please contact me at (801) 538-5281.

Sincerely,



Dustin K. Doucet  
Petroleum Engineer

DKD/JP/js  
cc: Compliance File  
Well File  
LaVonne Garrison, SITLA  
N:\O&G Reviewed Docs\ChronFile\PetroleumEngineer\SITA

# ATTACHMENT A

	Well Name	API	LEASE	Years Inactive	Prior Notice
1	BONANZA 1023-16J	43-047-37092	ML-22186-A	7 years 1 month	2 <sup>ND</sup> NOTICE
2	NBU 921-34L	43-047-36388	STUO-1194-A	5 years	2 <sup>ND</sup> NOTICE
3	CIGE 79D	43-047-30896	ML-23612	4 years 4 months	2 <sup>ND</sup> NOTICE
4	NBU 921-33J (will PA 6/2/14)	43-047-36394	STUO-015630	5 years 2 months	2 <sup>ND</sup> NOTICE
→ 5	CIGE 3-32-9-22	43-047-30320	ML-22649	3 years 11 months	1 <sup>ST</sup> NOTICE
6	NBU 31-12B	43-047-30385	ML-01197-A	2 years 10 months	1 <sup>ST</sup> NOTICE
7	NBU 69N2	43-047-31090	U-01194-ST	3 years 3 months	1 <sup>ST</sup> NOTICE
8	BONANZA 1023-20	43-047-35662	ML-47062	1 year 1 month	
9	CIGE 140	43-047-31977	ML-10755	1 year	
10	CIGE 224	43-047-32883	ML-2252	1 year	
11	CIGE 239	43-047-33206	ML-22582	1 year 6 months	
12	CIGE 284	43-047-34792	ML-23612	1 year 2 months	
13	CIGE 5	43-047-30335	U01207A-ST	1 year 3 months	
14	HALL ET AL 31 18	43-047-30664	FEE	1 year 1 month	
15	MORGAN STATE 13-36	43-047-32817	ML-22265	1 year 11 months	
16	NBU 1021-16G	43-047-35111	ML-10755	1 year 4 months	
17	NBU 562-19E (will PA 5/23/14)	43-047-37536	ML-22792	1 year	
18	STATE 1022-32I	43-047-35648	ML-22798	1 year 2 months	
19	TRIBAL 31-60	43-047-33340	ML-28048	1 year 2 months	
20	WONSITS ST 2-32	43-047-32819	ML-47780	1 year	



<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> ML-22649
<b>1. TYPE OF WELL</b> Gas Well		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
<b>2. NAME OF OPERATOR:</b> KERR-MCGEE OIL & GAS ONSHORE, L.P.		<b>7. UNIT or CA AGREEMENT NAME:</b> NATURAL BUTTES
<b>3. ADDRESS OF OPERATOR:</b> P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779		<b>8. WELL NAME and NUMBER:</b> CIGE 3-32-9-22
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 2270 FNL 0900 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SENE Section: 32 Township: 09.0S Range: 22.0E Meridian: S		<b>9. API NUMBER:</b> 43047303200000
<b>PHONE NUMBER:</b> 720 929-6100		<b>9. FIELD and POOL or WILDCAT:</b> NATURAL BUTTES
<b>COUNTY:</b> UINTAH		<b>STATE:</b> UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
<b>TYPE OF SUBMISSION</b>	<b>TYPE OF ACTION</b>	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 10/20/2014	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input checked="" type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION	
<input type="checkbox"/> DRILLING REPORT Report Date:	OTHER: <input style="width: 100px;" type="text"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.  In reference to the UDOGM letter dated 09/04/2014 for Extended Shut-in and Temporary Abandoned Well Requirements the CIGE 3-32-9-22 has been plugged and abandoned, see the attached operations summary report. Surface reclamation shall be done in accordance with R649-3-34.		
<b>NAME (PLEASE PRINT)</b> Kay E. Kelly		<b>PHONE NUMBER</b> 720 929 6582
<b>SIGNATURE</b> N/A		<b>TITLE</b> Regulatory Analyst
<b>DATE</b> 11/4/2014		<b>Accepted by the</b> <b>Utah Division of</b> <b>Oil, Gas and Mining</b> <b>FOR RECORD ONLY</b> November 06, 2014

US ROCKIES REGION  
**Operation Summary Report**

Well: CIGE 3-32				Spud Date:					
Project: UTAH-UINTAH				Site: NBU 922-32H3 PAD				Rig Name No: MILES 2/2	
Event: ABANDONMENT				Start Date: 10/14/2014				End Date: 10/20/2014	
Active Datum: RKB @0.00usft (above Mean Sea Level)				UWI: CIGE 3-32					
Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (usft)	Operation	
10/14/2014	7:00 - 7:15	0.25	ABANDP	48		P		HSM, JSA, LAT 39.993532 LONG 109.457563	
	7:15 - 11:30	4.25	ABANDP	30	A	P		ROAD RIG FROM NBU 1022-3I4BS TO CIGE 3-32, MIRU, MOVE PIPELINERS EQUIP OUT OF WAY, ND WH, NU BOP'S, RU FLOOR & TBG EQUIP, SPOT IN TBG TRAILER	
	11:30 - 15:00	3.50	ABANDP	31	I	P		0# SICP, P/U TBG REMOVE THREAD PROTECTORS, TALLY & DRIFT TBG TO 3000', CIRC CSG W/ T-MAC & PRESSURE TEST TO 500#, CSG HELD GOOD, SWI, SDFN	
10/15/2014	7:00 - 7:15	0.25	ABANDP	48		P		HSM, JSA	
	7:15 - 18:30	11.25	ABANDP	51	D	P		MIRU PRO PETRO, PRESSURE TEST PUMP & LINES, BREAK CIRC W/ FRESH WTR, MIX & PUMP 17 SX CMT @ 15.8 PPG, DISPLACE W/ 9 BBLS, (TOC @ 2780'), TOO H W/ TBG, MIRU CUTTERS WIRELINE, RIH W/ 4 SHOT PER FOOT PERF GUN, PERF CSG @ 2100', COULD NOT GET AN INJECTION RATE, TIH W/ TBG TO 2200' FOR BALANCE PLUG, BREAK CIRC, MIX & PUMP 17 SX CMT @ 15.8 PPG, DISPLACE W/ 6 BBLS, (TOC @ 1980'), TOO H W/ TBG, RIH W/ PERF GUN, PERF CSG @ 1700', TIH W/ TBG & SET CIRC @ 1650', COULD NOT STING INTO CIRC, TOO H W/ TBG, RIH W/ PERF GUN & PERF CSG @ 1600' ( AS PER STATE REQUEST), TIH & SET CIRC ON TBG @ 1550', PUMP 7.5 BBLS FRESH WTR, MIX & PUMP 160 SX CMT @ 15.8 PPG, DISPLACE W/ 4.5 BBLS, (TOC @ 1100'), TOO H & LD TBG, RIH W/ PERF GUN & PERF CSG @ 300', PUMP 22.6 BBLS WTR TO GET RETURNS TO SURFACE, MIX & PUMP 200 SX CMT @ 15.8 PPG TO GET CEMENT TO SURFACE, RD PRO PETRO, ND BOP'S, NU WH, SDFN	
10/20/2014	13:00 - 13:15	0.25	ABANDP	48		P		LAT 39.993532 LONG 109.457563 HSM.	
	13:15 - 14:30	1.25	ABANDP	51	D	P		MIRU BAKER HUGES CMT CREW. MIX UP 25 SX G CMT @ 15.8 PPG. TOP OFF ANNUL 41/2 x 85/8, FILL 41/2 CSG. RDMO BAKER HUGES CMT. WELD MARKER PLATE & BACK FILL AROUND WELL.	
LAT 39.993532 LONG 109.457563									



October 2, 2014

State of Utah  
Division of Oil, Gas and Mining  
1594 West North Temple  
Ste. 1210  
Salt Lake City, UT 84116

RECEIVED  
OCT 09 2014  
DIV. OF OIL, GAS & MINING

**ATTENTION: Dustin Doucet**

RE: Extended Shut-in and Temporarily Abandoned Well Requirements for Fee or State Leases- UDOGM letter dated September 4, 2014

Dear Mr. Doucet,

We are in receipt of your letter dated September 4, 2014 regarding the shut-in and temporarily abandoned status of wells operated by Kerr-McGee Oil and Gas Onshore. All required sundry notices have been filed as requested in the letter. Some wells documented in the letter previously had Plug and Abandonment procedures and notice of intent sundry notices submitted. Anadarko intends to Plug and Abandon the applicable wells by the end of the first quarter-2015.

The attached list explains the current well statuses and go forward plans for each well documented in the September 4, 2014 letter.

Should you have any additional questions or concerns, please don't hesitate to contact me direct at (720) 929-6100 or via email at [andy.lytle@anadarko.com](mailto:andy.lytle@anadarko.com).

Sincerely,

A handwritten signature in black ink, appearing to be "A. Lytle".

Andy Lytle  
Regulatory Supervisor

WELL NAME	API	LEASE	YEARS INACTIVE	PRIOR NOTICE	COMMENTS
BONANZA 1023-16J	4304737092	ML22186A	7 YEARS 1 MONTH	2ND NOTICE	PA NOI Sundry submitted 10/03/2014.
NBU 921-34L	4304736388	STUO1194A	5 YEARS	2ND NOTICE	Sundry submitted 09/16/2014 for the conversion to a monitor well (Not previously reported in 2012) and yearly status for a monitor well.
CIGE 79D	4304730896	ML23612	4 YEARS 4 MONTHS	2ND NOTICE	Sundry submitted 09/16/2014, yearly status for a monitor well.
NBU 921-33J	4304736394	STUO015630	5 YEARS 2 MONTHS	2ND NOTICE	PA Sundry approved 07/09/2014, on rig schedule for week of October 6-2014.
CIGE 3-32-9-22	4304730320	ML22649	3 YEARS 11 MONTHS	1ST NOTICE	PA Sundry approved 08/07/2012, on rig schedule for week of October 6-2014.
NBU 31-12B	4304730385	ML01197A	2 YEARS 10 MONTHS	1ST NOTICE	PA Sundry approved 07/23/2013, on rig schedule for week of October 6-2014.
NBU 69N2	4304731090	U01194ST	3 YEARS 3 MONTHS	1ST NOTICE	PA NOI Sundry submitted 10/03/2014.
BONANZA 1023-20	4304735662	ML47062	1 YEAR 1 MONTH		Return to Production sundry submitted 10/03/2014. Producing since 04/25/2014, production accounting has been reporting production to UDOGM as of April 2014.
CIGE 140	4304731977	ML10755	1 YEAR		PA NOI Sundry submitted 10/02/2014.
CIGE 224	4304732883	ML2252	1 YEAR		PA NOI Sundry submitted 10/01/2014.
CIGE 239	4304733206	ML22582	1 YEAR 6 MONTHS		Return to Production sundry submitted 10/03/2014. Producing since 06/14/2014, production accounting has been reporting production to UDOGM as of June 2014.
CIGE 284	4304734792	ML23612	1 YEAR 2 MONTHS		Return to Production sundry submitted 10/03/2014. Producing since 03/29/2014, production accounting has been reporting production to UDOGM as of March 2014.
CIGE 5	4304730335	U01207AST	1 YEAR 3 MONTHS		Sundry submitted 10/03/2014. This well is currently surface commingled with the NBU 922-31JT-1T meter. The well was mistakenly made in-active, therefore production was not allocating. The well has been made active and is presently allocating. 12/17/2009 a sundry for surface commingling was approved by UDOGM.
HALL ET AL 31 18	4304730664	FEE	1 YEAR 1 MONTH		PA NOI Sundry submitted 09/30/2014.
MORGAN STATE 13-36	4304732817	ML22265	1 YEAR 11 MONTHS		PA NOI Sundry submitted 09/30/2014.
NBU 1021-16G	4304735111	ML10755	1 YEAR 4 MONTHS		PA NOI Sundry submitted 10/03/2014.
NBU 562-19E	4304737536	ML22792	1 YEAR		PA Sundry approved 07/09/2014, on rig schedule for week of October 6-2014.
STATE 1022-32I	4304735648	ML22798	1 YEAR 2 MONTHS		PA NOI Sundry submitted 09/30/2014.
TRIBAL 31-60	4304733340	ML28048	1 YEAR 2 MONTHS		Return to Production sundry submitted 10/03/2014. A new meter installed 09/30/2014, well is currently intermitting.
WONSITS ST 2-32	4304732819	ML47780	1 YEAR		PA NOI Sundry submitted 10/01/2014.